



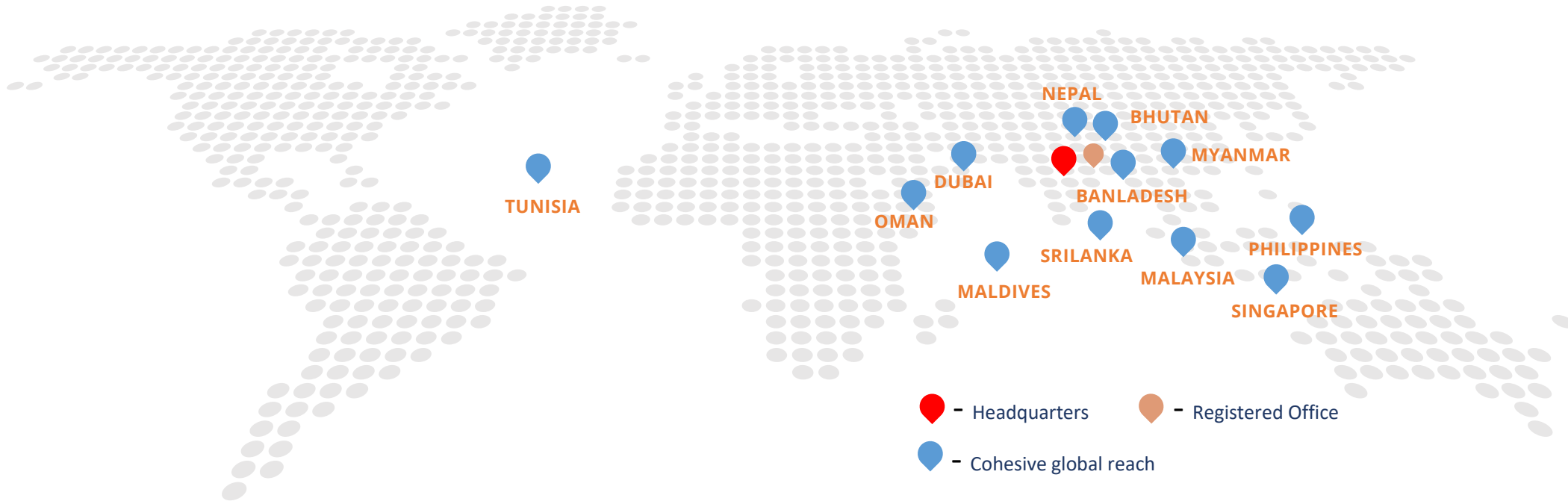
Empowering Communication

Innovate. Integrate. Connect.



Cohesive Technologies Pvt. Ltd

About Cohesive Technologies



100+ 100+ Employees	20+ 20+ PAN India and regions covered	35% Compound Annual Growth Rate reaches 35% from 2013 to 2020	20% 20% of office staff are working in R & D center	Award 	0.1% Less than 0.1% defect rate
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CS-4, 5 & 6, 4th Floor, Ansal Plaza, Sector 3 Vaishali, Ghaziabad (Uttar Pradesh.) 201010

169, FIE, 1st Floor Patparganj Industrial Area, Delhi-110092, India

[Product Categories](#)

Segment We Cater & Technology Partners



Enterprise	Education	Healthcare	Residential	Automobile	Telecom	Financial



Product Portfolio



IP Voice Telephony & IP Hotel Phones

- 2 - 6 SIP accounts
- Common-area phones
- color screen, HD audio
- Noise-shield technology
- Enterprise-grade security
- WiFi Cordless IP Phone
- Bluetooth, wifi, BLF Keys



IP Video Telephony

- 16 SIP ac, Video Calling
- Instant Messaging
- Bring Your Own Device (BYOD)
- Security and On-Premise Access
- Employee Access
- Huddle Rooms



Answering Units

- Luxury design with top materials
- Smartphone as answering unit
- Home automation integration
- HD quality sound with ambient noise suppression



SIP Door Intercom

- Intercom is a first access control device you will get in touch before you enter a building
- It has to look very luxury in villas or MDUs
- HD audio & video quality



Unified Communications

- Upto 5000 Extension
- Redundancy, voicemail, Recording
- call center features
- Integrated with 3 party products
- Linkus App, Auto Dialer
- Automatic Call Distribution



Smart Home Automation

- Smarter Home,
- Sweeter Life,
- Zigbee Hub.
- Intercom. Smart Home Control Panel in One



Gateways & ATAs

- E1/T1/J1 Ports
- FXS & FXO Ports
- Voice Conferencing
- concurrent calls
- Nat Traversal



IP Access Control & SW

- Slimline design
- Fastest mobile access
- Bluetooth, IP55 and IK07
- Controller and reader in one
- Encrypted two-way communication
- Perfect for the office or outdoor



Audio/Video Conferencing

- Runs on Android 9.0 operating system
- Support for up to 300 participants and 120 video feeds per session; up to 10 simultaneous sessions
- video and audio recording
- 1080p Full-HD video
- Bluetooth, WiFi support
- Built-in Mic/Speaker
- PAN, TILT, ZOOM - camera
- IPVideoTalk Meetings Platform

Product Portfolio continue...



IP & Analog Industrial Phone

- Hazardous & Non Hazardous
- Water Tight, Weather/Water Resistant Phones
- Food Industry Industrial Telephone
- Correctional Institute Industrial Telephone

Elevator Management

- Convenient for the residents to get in and out without cards to avoid residents



Wireless Access Points & Routers

- OFDMA technology
- Range upto 300 meters
- IP66-level weatherproof capability
- GWN Cloud, GWN Manager, Embedded Controller



SIP Surveillance

- Introduced H.265+ & Starlight & WDR
- Debut of the unrivaled Mini PTZ Bullet Camera
- New technologies: Auto Tracking, Advanced Heat Map and High-quality Deblur...
- Release AI ANPR solution & Pro Bullet Plus (with 3D Radar Module)
- Launch enterprise VMS



Call center solutions

- Inbound/Outbound calls
- Contact center on cloud
- IVR, Auto dialer, Automatic Call Distributor
- Hosted Call Center



Personal Collaboration Devices

- RJ9, USB & Wireless Headset
- USB Webcam supports 1080p Full HD video
- Designed for remote workers, contact centers and other busy environments.
- Comfortable, cost effective, durable headset for Soho, VoIP, IP-phone
- Light weight design, practical IP telephony sound quality

Networking Switches

- GREEN Networking, smart LCD
- Port VLAN, Watch Dog
- IP65, support 30-60W each port
- Redundant Power
- Industrial switches (-40°C ~ 80°C)
- Solar UPS/ outdoor Weather-Proof Switches
- 250 m CCTV Long-Range switches



SIP Public Address System

- SIP/Multicast/Informacast/Syn-App
- Serverless IP paging solution
- Communication with SIP devices
- Integration with VMS via ONVIF
- Loudest Sound in the market



Complete Portfolio

Unified Communications and
Networking Solutions



GRANDSTREAM

CONNECTING THE WORLD

OUR MISSION



We believe in **connecting the world**

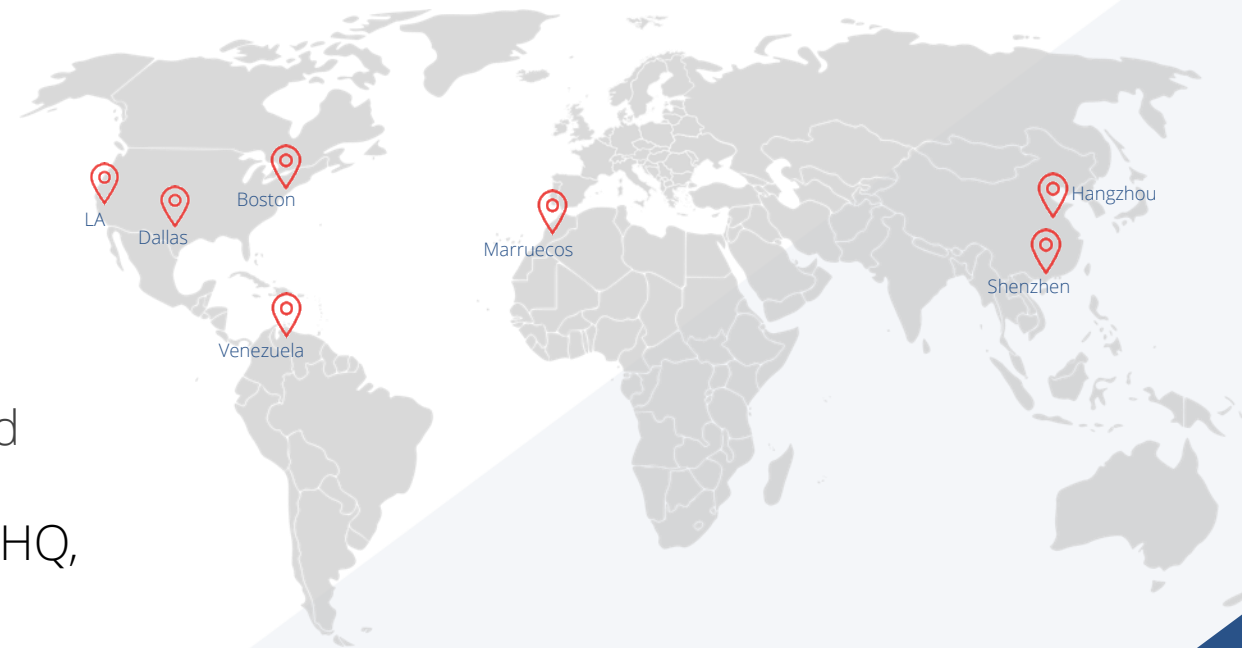
We believe everyone should have the tools to communicate from anywhere on any device

And we design products that make this belief become a reality...



WHO IS GRANDSTREAM

- Designer & manufacturer of **unified communications** and **networking** solutions
- Founded in 2002 in **Boston, MA**
- **+600** employees in 14 countries (+50% R&D Engineers)
- Used and sold in **150 countries** around the world
- **Global presence** with offices in the U.S. (Boston HQ, Los Angeles, Dallas), Venezuela, Morocco, China (Shenzhen and Hangzhou) and Malaysia
- **4 Research and Development Centers** (Dallas, Los Angeles, Shenzhen, and Hangzhou)



A ONE-STOP SHOP FOR COMMUNICATION SOLUTIONS



Unified Communications

Voice & Video IP Phones
IP PBXs
Gateways & ATAs
Facility Management
Voice & Video Conferencing
Free Device Management Platform

Networking

Indoor Wi-Fi APs
Outdoor/Long-Range Wi-Fi APs
Wi-Fi Routers
Wired Routers
Network Switches
3 Free Management Platforms

COMPLETE COMMUNICATION SOLUTIONS

For Businesses & Vertical Industries



Enterprises



Small-to-Medium Business



Hospitality



Education



Healthcare



Call & Contact Centers

MARKET ANALYSIS

- More than 2.5 million products shipped annually
- Products sold and used in over 150 countries
- #1 global manufacturer VoIP ATAs and analog gateways
- #2 global manufacturer of IP phones
- #2 global manufacturer of IP video phones
- #1 global manufacturer of IP PBX solutions for SMBs
- Triple digit annual growth rate for networking solutions every year since introduction in 2017



WE PROVIDE COMPLETE SOLUTIONS



GRP Series IP Phones

Carrier-Grade IP Phones

Next-generation IP Phones designed for mass deployment. This series features a sleek design, a seamless user experience, and many other advanced features



GRP2601/P/W – Essential IP Phone

2-Line Essential IP Phone

- 2 SIP accounts, 2 lines
- GDMS online device management and provisioning
- 3-way audio conferencing for easy conference calls
- Equipped with noise shield technology to minimize background noise
- Electronic Hook Switch (EHS) support for Plantronics, Jabra, and Sennheiser headsets
- GRP2601P includes built-in PoE to power the device and provide a network connection
- GRP2601W includes 2.4 GHz Wi-Fi support



GRP2602/P/W/G – Essential IP Phone

2-Line Essential IP Phone

- 2 lines, 4 SIP accounts, 5-way audio Conf.
- Supported by GDMS
- EHS support
- Full-duplex speakerphone with HD audio
- Noise shield technology to minimize background noise
- The GRP2602P/GRP2602G includes built-in PoE to power the device and give it a network connection
- Swappable faceplate for easy logo customization
- GRP2602W includes built-in dual-band Wi-Fi support



GRP2603/P – Essential IP Phone

3-Line Essential IP Phone

- 3 lines, 6 SIP accounts, up to 3 call appearances
- Supported by GDMS
- EHS Support
- Full-duplex speakerphone with HD audio
- Noise shield technology
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE (GRP2603P only)
- Supports 5-way audio conferencing
- Swappable faceplate for easy logo customization



GRP2604/P – Essential IP Phone

3-Line Essential IP Phone

- 3 lines, 6 SIP accounts, up to 3 call appearances
- Supported by GDMS
- EHS Support
- Full-duplex speakerphone with HD audio
- Noise shield technology
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE (GRP2604P only)
- Supports 5-way audio conferencing
- Swappable faceplate for easy logo customization



GRP26xx Series Essential IP Phones



Model	GRP2601 (P/W)	GRP2602 (P/W/G)	GRP2603	GRP2604
Display	2.4 inch (132x48) LCD Display	2.4 inch (132x48) backlit graphical LCD Display	2.7 inch (132x64) backlit graphical LCD Display	2.7 inch (132x64) backlit graphical LCD Display
Line/MP Keys	2	2	3	3
SIP Accounts	2	4	6	6
Audio Conferencing	5-way audio conference	5-way audio conference	5-way audio conference	3-way audio conference
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets)
Network Interfaces	Dual switched auto-negotiation 10/100 Mbps Ethernet ports, integrated PoE (GRP2601P only)	Dual switched auto-negotiation 10/100/1000 Mbps Ethernet ports, integrated PoE (GRP2602G only)	Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE (GRP2603P only)	Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE (GRP2604P only)
Wi-Fi	Single frequency, 2.4 GHz, 802.11 b/g/n/ax (2.4G only)	Yes, Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz) (GRP2602W only)	No	No
Bluetooth	No	No	No	No

GRP2610/P – PROFESSIONAL IP PHONE

GRP Series of Carrier-Grade IP Phones

NEW



**2 Lines
2 SIP Accounts**



**5-way Audio
Conference**



**HD Audio
Handset**



PoE

**PoE on
GRP2612P**



GRP2611G – PROFESSIONAL IP PHONE

GRP Series of Carrier-Grade IP Phones

NEW

- 2.8 "color screen
- 3 SIP accounts and **3 multi-purpose line keys**
- Up to 12 multi-purpose virtual keys
- 10/100/1000Mbps **Gigabit Ethernet ports**
- **HD audio** and **OPUS** support
- Enterprise-grade security
- **Integrated PoE**



GRP2612/W/P/G

Carrier-Grade IP Phone

- 2.4" color LCD
- 2 SIP accounts and 4 multi-purpose line keys
- Up to 16 virtual multi-purpose keys
- Dual switched auto-sensing 10/100 Mbps Ethernet ports (W and P only)
- HD audio and OPUS support
- Wi-Fi option with GRP2612W
- PoE option with GRP2612P
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE with GRP2612G



GRP2613

Carrier-Grade IP Phone

- 2.4" color LCD
- 3 SIP accounts and 6 multi-purpose line keys
- Up to 24 virtual multi-purpose keys
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with PoE
- HD audio and OPUS support
- Enterprise-level protection including secure boot, dual firmware images, and encrypted data storage



GRP2614

Carrier-Grade IP Phone with Dual LCD

- 2.8" color LCD
- 2.4" secondary color LCD for digital BLF/SD
- 4 SIP accounts and 4 multi-purpose line keys
- Dual switched auto-sensing 10/100/1000 Mbps gigabit Ethernet ports with PoE
- HD audio and OPUS support
- Integrated dual-band Wi-Fi
- Enterprise-level protection including secure boot, dual firmware images, and encrypted data storage



GRP2615

Carrier-Grade IP Phone

- 4.3" color LCD
- 5 SIP accounts and 10 multi-purpose line keys
- Up to 40 virtual multi-purpose keys
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit eEthernetports with PoE
- HD audio and OPUS support
- Integrated dual-band Wi-Fi
- Extension module support
- Enterprise-level protection including secure boot, dual firmware images, and encrypted data storage



GRP2616

Carrier-Grade IP Phone

- 4.3" (480 x 272) color LCD, 2.4" (240 x 320) secondary LCD
- 6 SIP accounts and 6 lines
- 48 multi-purpose keys
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit ethernet ports with PoE
- HD audio
- Integrated dual-band Wi-Fi
- Extension module support
- Enterprise-level protection including secure boot, dual firmware images, and encrypted data storage



GRP2624

8-Line Professional IP Phone

- 8 lines, 4 SIP accounts
- Integrated Bluetooth to connect headsets, sync contacts, calendars, and more
- Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)
- Swappable faceplate to allow for easy logo customization
- Supports 5-way audio conferencing
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
- Supported by GDMS



GRP2634

8 Line Professional IP Phone

- 8 lines, 4 SIP accounts
- RJ9 headset jack
- Supports 5-way audio conferencing
- Swappable faceplate for easy logo customization
- Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)
- Integrated Bluetooth to connect headsets, sync contacts, calendars, and more
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
- Supported by GDMS



NEW

GRP2636

12 Line Professional IP Phone

- 12 lines, 6 SIP accounts
- RJ9 headset jack
- Supports 5-way audio conferencing
- Swappable faceplate for easy logo customization
- Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)
- Integrated Bluetooth to connect headsets, sync contacts, calendars, and more
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
- Supported by GDMS



GRP2650

14 Line Professional IP Phone

- 14 lines, 6 SIP Accounts
- 5" (1280 x 720) capacitive touch screen
- Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
- Integrated BlueTooth
- Integrated dual-band Wi-Fi
- Swappable faceplate
- Supported by GDMS
- Equipped with noise shield technology



GRP2670

12 Line Professional IP Phone

- 12 lines, 6 SIP accounts
- 7" (1024x600) capacitive touch screen
- Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with PoE
- Integrated Bluetooth
- Integrated dual-band Wi-Fi
- Swappable faceplate
- Supported by GDMS



GRP2600 Series Carrier-Grade Professional IP Phones



Model	GRP2612 (P/W/G)	GRP2613	GRP2614	GRP2615	GRP2616
Display	2.4 inch Color LCD (320x240)	2.8 inch Color LCD (320x240)	2.8 in. Color LCD (320x240) + 2.4 inch	4.3 inch Color LCD (480x272)	4.3 inch Color LCD (480x272) + 2.4 inch
Line/MP Keys	4	6	4	10	6
SIP Accounts	2	3	4	5	6
Audio Conferencing	3-way audio conference	3-way audio conference	3-way audio conference	3-way audio conference	3-way audio conference
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets)	RJ9 headset jack (allowing EHS with Plantronics headsets), USB	RJ9 headset jack (allowing EHS with Plantronics headsets), USB
Network Interfaces	Dual switched auto-sensing 10/100 Mbps Ethernet ports with integrated PoE(*PoE for 2612P & 2612W only)	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
Wi-Fi	Integrated (2612W only)	No	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz)	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz)	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz)
Bluetooth	No	No	Yes, integrated	Yes, integrated	Yes, integrated

GRP2600 Series Carrier-Grade Professional IP Phones



Model	GRP2624	GRP2634	GRP2636	GRP2650	GRP2670
Display	2.8 inch (320x240) TFT color LCD	2.8 inch (320x240) TFT color LCD	4.3 Inch (480x272) TFT Color LCD	5.0 inch (1280x720) TFT Color LCD	7.0 inch (1024x600) capacitive touch screen LCD
Line/MP Keys	8	8	12	14	12
SIP Accounts	4	4	6	6	6
Audio Conferencing	5-way audio conferencing	5-way audio conferencing	5-way audio conferencing	5-way audio conferencing	5-way audio conferencing
Auxiliary Ports	RJ9 headset jack, USB	RJ9 headset jack, USB	RJ9 headset jack allowing EHS with Plantronics headsets, and integrated USB Headset support	RJ9 headset jack allowing EHS with Plantronics headsets, and integrated USB Headset support	RJ9 headset jack allowing EHS with Plantronics headsets, and integrated USB Headset support
Network Interfaces	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE	Dual switched autosensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
Wi-Fi	Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)	Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)	Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)	Yes, Integrated dual band Wi-Fi 802.11 a/b/g/n ac (2.4Ghz & 5Ghz)	Yes, Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz)
Bluetooth	Yes, integrated	Yes, integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated

IP PHONES GXP SERIES

SIP Phones for all users

Grandstream offers a wide variety of innovative IP terminals to suit any deployment. You are guaranteed to find the right device for your needs.



GXP1600 Series – Basic IP Phones

Simple, Easy to Use, Core Functionality

Our Basic line of IP Phones is the GXP1600 series. They bring reliability, must-have features, and a straightforward design to deployments that require core functionalities with light to moderate IP telephony access.

- Basic call feature support
- Programmable XML context-sensitive soft keys
- Up to 500 phonebook contacts
- PoE options for all models
- Encryption security
- Broad platform compatibility



GXP1600 Series – Basic IP Phones

				
Model	GXP1610/1615	GXP1620/1625	GXP1628	GXP1630
Lines	2 Lines, 1 SIP Account	2 Lines, 2 SIP Accounts	2 Lines, 2 SIP Accounts	3 Lines, 3 SIP Accounts
Conferencing	3-Way	3-Way	3-Way	4-Way
Phonebook Size	500	500	500	500
Soft Keys	3 XML Programmable Keys	3 XML Programmable Keys	3 XML Programmable Keys	3 XML Programmable Keys
Display	132 x 48 Pixel LCD	132 x 48 Pixel Back-Lit LCD	132 x 48 Pixel Back-Lit LCD	132 x 64 Pixel Back-Lit LCD
BLF/Fast-Dial Keys	No	No	8	8
HD Audio	No	Yes	Yes	Yes
Auxiliary Ports	RJ9, EHS	RJ9, EHS	Rj9, EHS	Rj9, EHS
POE	GXP1610 - No GXP1615 - Yes	GXP1620 - No GXP1625 - Yes	Yes	Yes
Network Ports	Two 10/100 Network Ports	Two 10/100 Network Ports	Two 10/100/1000 Gigabit Ports	Two 10/100/1000 Gigabit Ports
Voice Codecs	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, DTMF
Security	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x
Provisioning	HTTP, HTTPS, TFTP, TR-069, XML	HTTP, HTTPS, TFTP, TR-069, XML	HTTP, HTTPS, TFTP, TR-069, XML	HTTP, HTTPS, TFTP, TR-069, XML
Power Supply Included	Yes	Yes	Yes	Yes

GXP2100 Series – HIGH END IP PHONES

Advanced Features, Productivity, and High-Volume Functionality

The GXP2100 series High-End IP Phones are designed for high-call volume users and those who require advanced telephony features. Get more done and handle more calls with a suite of productivity and line enhancement features and enjoy a full-color visual experience with Gigabit port network speeds.

- BLF/Fast-Dial Keys
- Large phonebook capacity of up to 2000 contacts
- Integrated PoE, dual Gigabit network ports
- Integrated Bluetooth capabilities
- Full-color interactive display
- Up to 5 XML programmable soft keys



GXP2100 Series – HIGH END IP PHONES

					
Model	GXP2130v2	GXP2135	GXP2140	GXP2160	GXP2170
Lines	3 Lines, 3 SIP Accounts	8 Lines, 4 SIP Accounts	4 Lines, 4 SIP Accounts	6 Lines, 6 SIP Accounts	12 Lines, 6 SIP Accounts
Conferencing	4-Way	5-Way	5-Way	5-Way	5-Way
Phonebook Size	2000	2000	2000	2000	2000
Soft Keys	4 XML Programmable Keys	4 XML Programmable Keys	4 XML Programmable Keys	4 XML Programmable Keys	4 XML Programmable Keys
Display	320 x 240 TFT Color LCD	320 x 240 TFT Color LCD	480 x 272 TFT Color LCD	480 x 272 TFT Color LCD	480 x 272 TFT Color LCD
BLF/Fast-Dial Keys	8 + 12 Virtual Keys	32 Virtual Keys	16 Virtual Keys	24 + 24 Virtual Keys	48 Virtual Keys
Extension Module	No	No	Up to 4 GXP2000EXTs	No	Up to 4 GXP2000EXTs
HD Audio	Yes	Yes	Yes	Yes	Yes
Auxiliary Ports	RJ9, EHS	RJ9, EHS	RJ9, EHS, USB	RJ9, EHS, USB	RJ9, EHS, USB
Bluetooth	Yes	Yes	Yes	Yes	Yes
POE	Yes	Yes	Yes	Yes	Yes
Network Ports	Two 10/100/1000 Gigabit Ports	Two 10/100/1000 Gigabit Ports	Two 10/100/1000 Gigabit Ports	Two 10/100/1000 Gigabit Ports	Two 10/100/1000 Gigabit Ports
Voice Codecs	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, OPUS, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, OPUS, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, OPUS, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, OPUS, DTMF	G.729A/B, G.711u/a-law, G.726, G.722, G.723, iLBC, OPUS, DTMF
Security	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x	SIP/TLS, SRTP, AES-256, 802.1x
Provisioning	HTTP, HTTPS, FTP, TFTP, TR-069, XML	HTTP, HTTPS, FTP, TFTP, TR-069, XML	HTTP, HTTPS, FTP, TFTP, TR-069, XML	HTTP, HTTPS, FTP, TFTP, TR-069, XML	HTTP, HTTPS, FTP, TFTP, TR-069, XML
Power Supply Included	Yes	Yes	Yes	Yes	Yes

GXV Series IP Video Phones

A Powerful Desktop Productivity Engine

These Grandstream devices provide the power of video communications with integrated web features and the functionality of a tablet.



GXV3350

High-End Smart Video Phone for Android™

- 16 lines with up to 16 SIP accounts supported
- Built-in 1-megapixel camera for video calling with a privacy shutter
- Runs on Android 7.0 operating system
- Built-in Bluetooth and dual-band Wi-Fi
- Dual-switched auto-sensing Gigabit ports with built-in PoE/PoE+
- Dual-mic HD speakerphone with advanced echo cancellation
- 5" capacitive 5-point touch screen
- 6-way HD audio conferencing & 3-way 720p 30fps HD video conferencing capability



GXV3370

Android™ Video IP Phone

- Runs on Android 7.0
- 7" touch screen
- 16 lines, 7-way audio conference ,and no cost 3-way video conference
- 3rd party Android™ applications include Microsoft Lync, Skype, Twitter, Facebook
- Wi-Fi, PoE, Bluetooth, USB, SD, mini HDMI, EHS
- 4-core processor and 2 GB RAM and 8 GB eMMC Flash for maximum performance



GXV3380

High-End Smart Video Phone for Android™

- 16 lines with up to 16 SIP accounts supported
- Built-in 2 megapixel camera for video calling with privacy shutter
- Runs on Android 7.1.1 operating system
- Built-in Bluetooth and dual-band Wi-Fi
- Dual-switched auto-sensing Gigabit ports with built-in PoE/PoE+
- Dual-mic HD speakerphone with advanced echo cancellation
- 8" capacitive 10-point touch screen
- 7-way HD audio conferencing & 3-way 1080p 30fps HD video capability



GXV3450

High-End Smart Video Phone for Android™

- 16 lines with up to 16 SIP accounts supported
- Built-in 2-megapixel camera for video calling with a privacy shutter
- Runs on Android 11 operating system
- Built-in Bluetooth 5.0 and dual-band Wi-Fi
- Dual-switched auto-sensing Gigabit ports with built-in PoE/PoE+
- Quad-core 1.8GHz ARM Cortex A55 processor
- 5" capacitive 5-point touch screen
- 10-way HD audio conferencing & 3-way 720p 30fps HD video capability



GXV3470

High-End Smart Video Phone for Android™

- 16 lines with up to 16 SIP accounts supported
- Built-in 2-megapixel camera for video calling with privacy shutter
- Runs on Android 11 operating system
- Built-in Bluetooth 5.0 and dual-band Wi-Fi 6
- Dual-switched auto-sensing Gigabit ports with built-in PoE/PoE+
- Quad-core 2.0GHz ARM Cortex A55 processor
- 7" capacitive 5-point touch screen
- 10-way HD audio conferencing & 3-way 720p 30fps HD video capability



GXV3480

High-End Smart Video Phone for Androi™

- 16 lines with up to 16 SIP accounts supported
- Built-in 2-megapixel camera for video calling with a privacy shutter
- Runs on Android 11 operating system
- Built-in Bluetooth 5.0 and dual-band Wi-Fi 6
- Dual-switched auto-sensing Gigabit ports with built-in PoE/PoE+
- Quad-core 2.0GHz ARM Cortex A55 processor
- 8" capacitive 10-point touch screen
- 12-way HD audio conferencing & 3-way 1080p 30fps HD video capability



GXV Series – IP Video Phones

Model	 GXV3350	 GXV3370	 GXV3380	 GXV3450	 GXV3470	 GXV3480
Lines/SIP Accounts	16 lines with 16 SIP accounts	16 lines with 16 SIP accounts	16 lines with 16 SIP accounts	16 lines with 16 SIP accounts	16 lines with 16 SIP accounts	16 lines with 16 SIP accounts
Conferencing	6-way HD audio conferencing & 3-way video capability	7-way HD audio conferencing & 3-way video capability	7-way HD audio conferencing & 3-way video capability	10-way HD audio conferencing & 3-way video capability	10-way HD audio conferencing & 3-way video capability	12-way audio conferencing & 3-way video capability
Display	5" 1280x720 capacitive touch screen (5 points) IPS LCD	7" 1024x600 capacitive touch screen (5 points) TFT LCD	8" 1200x800 capacitive touch screen (10 points) IPS LCD	5" 1280x720 capacitive touch screen (5 points) TFT LCD	7" 1280x800 capacitive touch screen (5 points) TFT LCD	8" 1200x800 capacitive touch screen (10 points) IPS LCD
Camera	Tiltable 1 megapixel CMOS camera with privacy wheel, 720p 30fps	Tiltable mega-pixel CMOS camera with privacy shutter, 720p 30fps	Tiltable 2 megapixel CMOS camera with privacy shutter, 1080p 30fps	Tiltable 2 megapixel CMOS camera with privacy shutter, 1080p 30fps	Tiltable 2 megapixel CMOS camera with privacy shutter, 1080p 30fps	Tiltable 2 megapixel CMOS camera with privacy shutter, 1080p 30fps
Audio	HD Audio - 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio	HD Audio - HD handset and speakerphone with support for wideband audio	HD Audio - 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio	HD Audio - 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio	HD Audio - 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio	HD Audio - 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio & noise shield 2.0
Peripheral Ports	HDMI-in/out, USB, Micro SD, headset jack, EHS (Plantronics headsets)	HDMI-out, USB, Micro SD, headset jack, EHS (Plantronics headsets)	HDMI-in/out, USB, Micro SD, headset jack, EHS (Plantronics headsets)	USB 3.0, USB 2.0, RJ9 Headset, EHS (Plantronics headsets)	HDMI-out, USB 3.0, USB 2.0, RJ9 headset jack, EHS (Plantronics headset)	HDMI-in/out, USB 3.0, headset jack, EHS (Plantronics headsets)
Bluetooth	Yes, integrated Bluetooth 4.2 + EDR	Yes, integrated Bluetooth 4.0 + EDR	Yes, integrated Bluetooth 4.2 + EDR	Yes, intergrated Bluetooth 5.0	Yes, integrated Bluetooth 5.0	Yes, integrated Bluetooth 5.0
Voice Codecs	Wide-band Opus, wide-band G.722, G.711μ/a, G. 729A/B, G.726-32, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS	G.711μ/a, G.722, G.726-32, iLBC, Opus, G.729A/B, in band and out of band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS	G.711μ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.729A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS	Wide-band Opus, wide-band G.722, G.711μ/a, G. 729A/B, G.726-32, iLBC, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS, Noise Shield 2.0	Wide-band Opus, wide-band G.722, G.711μ/a, G. 729A/B, G.726-32, iLBC, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS, Noise Shield 2.0	Wide-band Opus, wide-band G.722, G.711μ/a, G.729A/B, G.726-32, iLBC, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS, Noise Shield 2.0
Network	Dual switched 10/100/1000 Mbps ports with integrated PoE/PoE+	Dual-switched auto-sensing 10/100/1000Mbps network ports	Dual-switched auto-sensing 10/100/1000Mbps network ports	Dual-switched autosensing 10/100/1000mbps network ports	Dual-switched autosensing 10/100/1000mbps network ports	Dual switched 10/ 100/ 1000 Mbps ports with integrated PoE/PoE+
Power	Built-in PoE/PoE+ for power and network connections	Built-in PoE/PoE+ for power and network connections	Built-in PoE/PoE+ for power and network connections	Built-in PoE/PoE+ for power and network connections	Built-in PoE/PoE+ for power and network connections	Built-in PoE/PoE+ for power and network connections
Android	Android 7.0 operating system	Android 7.0 operating system	Android 7.1.1 operating system	Android 11 operating system	Android 11 operating system	Android 11 operating system
Extension Compatibility	Yes, compatible with GBX20	No	No	Yes, compatibe with GBX20	No	No

EXTENSION MODULES

Take your IP Phones to the next level

With Grandstream expansion modules, you can monitor up to 160 extensions per BLF and configure speed dialing on supported models.



GXP2200EXT

Extension Module

- Used with the GXP2140, GXP2170, GXV3240
- 40 contacts per unit, up to 4 units per phone, 160 total extensions
- 2 arrow keys for page switching
- Large LCD with bi-colored BLF LED
- Powered by host phone



GBX20

Extension Module

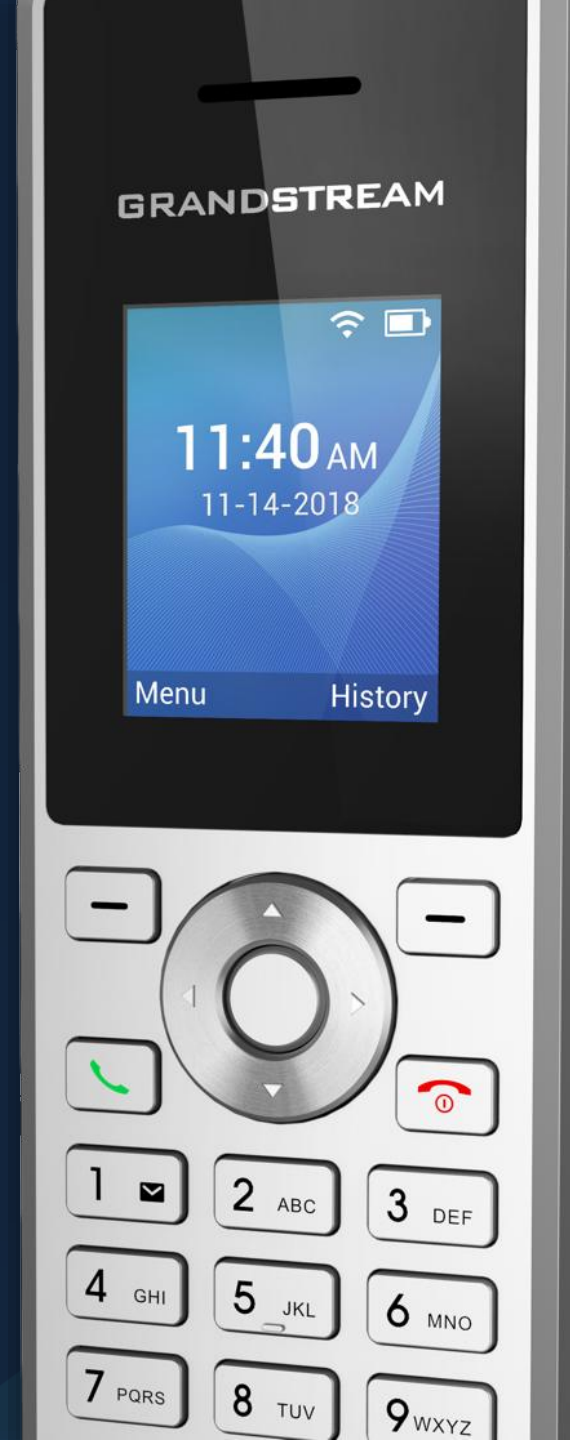
- Used with the GRP2615 and GXV3350
- 20 per page (each module contains 2 pages, for up to 40 lines per module, up to 160 with 4 daisy-chained modules)
- 4.3 inch (272x480) TFT color LCD
- Powered by host phone; when 2 or more GBX20 are connected, the included 12V/1A PSU will power them



WIRELESS IP PHONES

Mobilize Your Voice Solution

Mobilize your network with wireless phone solutions from Grandstream. These phones are an excellent option for companies, warehouses, retail stores, homes and more.





WP856

Wi-Fi Smartphone



Wi-Fi 6



1D & 2D
Barcode Scanner



Android v13



Ruggedized



Built-in Safety
Alerts and Alarms

- ✓ Certified with **Google Mobile Services**
- ✓ **13MP** rear camera (5MP front camera)
- ✓ IP-65 Rated **waterproof and dustproof**, 1.5m **dropsafe**
- ✓ **Antimicrobial** casing
- ✓ **5.5-inch** touch screen
- ✓ Supports **NFC**
- ✓ 20 hrs. talk / 200 hrs. standby (5000mah battery, USB-C)



WP836

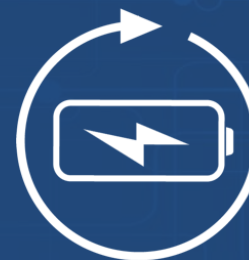
Wi-Fi 6 Cordless IP Phone



Dual-band Wi-Fi 6



Ruggedized



10 hours Talk Time
(3000mAh battery)



Bluetooth



Push-to-Talk

- ✓ 3 lines and 3 SIP accounts
- ✓ **2.8 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield, AI Noise Reduction**
- ✓ Alarm options include man-down, no-movement, etc.
- ✓ Built-in **Accelerometer**
- ✓ **Ruggedization:** IP-67 rated waterproof and dust-proof, antimicrobial casing, drop-safe from 2 meters

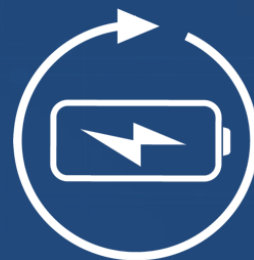


WP826

Wi-Fi 6 Cordless IP Phone



Dual-band Wi-Fi 6



12 hours Talk Time
(3000mAh battery)



Bluetooth



Push-to-Talk

- ✓ 3 lines and 3 SIP accounts
- ✓ **2.4 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield, AI Noise Reduction**
- ✓ Built-in **Accelerometer**
- ✓ Alarm options include man-down, no-movement, etc.



WP816

Wi-Fi 6 Cordless IP Phone



Dual-band Wi-Fi 6



6 hours Talk Time
(1500mAh battery)



Bluetooth



Push-to-Talk

- ✓ 2 lines and 2 SIP accounts
- ✓ **1.77 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield, AI Noise Reduction**
- ✓ Built-in **Accelerometer**
- ✓ Alarm options include man-down, no-movement, etc.



Wi-Fi 6 Model Comparison



	WP816	WP826	WP836	WP856
Lines/SIP Accounts	2 lines / 2 SIP accounts	3 lines / 3 SIP accounts		6 lines / 6 SIP accounts
Battery	1500mAh 6 hours talk time 120 hours standby	3000mAh 12 hours talk time 240 hours standby	3000mAh 10 hours talk time 240 hours standby	5000mAh 20 hours talk time 200 hours standby
Screen Size	1.77 in. (128x160) color LCD	2.4 in. (240x320) color LCD	2.8 in. (240x320) color LCD	5.5 in. touch screen (1440x720)
Handset Size	135mm x 49mm x 15.5mm (5.31 in x 1.93 in. x 0.61 in.)	148mm x 53mm x 17mm (5.83 in. x 2.09 in. x 0.67 in.)	155mm x 62mm x 19mm (6.1 in. x 2.44 in. x 0.75 in.)	161mm x 74mm x 15mm (6.33 in. x 2.91 in. x 0.59 in.)
Ruggedized	No		IP67 water and dust proof, 2m drop safe	IP65 water and dust proof, 1.5m drop safe
Barcode Scanner	No			Yes
Wi-Fi	Wi-Fi 6			
Bluetooth	Yes			Yes, supports BLE
Audio	HD voice, 2 mics, Noise Shield Technology, AI Noise Reduction			
Push-to-Talk	Yes			
Accelerometer	Yes			
Charging	USB-C, supports Fast Charging			

Wi-Fi 5 Cordless Phones





WP825

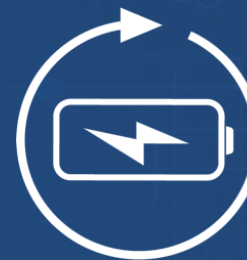
Wi-Fi Cordless IP Phone



Dual-band Wi-Fi 5



Ruggedized



8 hours Talk Time
(2000mAh battery)



Bluetooth



Push-to-Talk

- ✓ 2 lines and 2 SIP accounts
- ✓ **2.4 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield technology**
- ✓ **Ruggedization:** IP-67 rated waterproof and dust-proof, antimicrobial casing, drop-safe from 2.5 meters



WP822

Wi-Fi Cordless IP Phone



Dual-band Wi-Fi



8 hours Talk Time
(2000mAh battery)



Bluetooth



Push-to-Talk

- ✓ 2 lines and 2 SIP accounts
- ✓ **2.4 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield Technology**



WP820

Wi-Fi Cordless IP Phone



Dual-band Wi-Fi 5



7.5 hours Talk Time
(1500mAh battery)



Bluetooth



Push-to-Talk

- ✓ 2 lines and 2 SIP accounts
- ✓ **2.4 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield Technology**
- ✓ Built-in **Accelerometer**

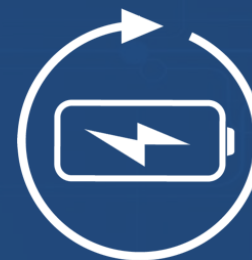


WP810

Wi-Fi Cordless IP Phone



Dual-band Wi-Fi 5



6 hours Talk Time
(1500mAh battery)



Push-to-Talk

- ✓ 2 lines and 2 SIP accounts
- ✓ **1.8 inch** color LCD screen
- ✓ HD voice, 2 built-in mics, **Noise Shield Technology**



WP Series Model Comparison



	WP856	WP836	WP826	WP816	WP825	WP822	WP820	WP810
Wi-Fi	Wi-Fi 6				Wi-Fi 5			
Lines / SIP Accounts	6 lines 6 SIP accounts	3 lines 3 SIP accounts		2 lines 2 SIP accounts				
Battery	5000mAh 20 hours talk time 200 hours standby time	3000mAh 10 hours talk 240 hours standby	3000mAh 12 hours talk 240 hours standby	1500mAh 6 hours talk 120 hours standby	2000mAh battery 8 hours talk 200 hours standby		1500mAh battery 7.5 hours talk 150 hours standby	1500mAh battery 6 hours talk 120 hours standby
Screen Size	5.5 inch touch screen (1440x720)	2.8 in. (240x320) color LCD	2.4 in. (240x320) color LCD	1.77 in. (128x160) color LCD	2.4 in. (240x320) color LCD			1.8 in. (128x160) color LCD
Bluetooth	Yes, supports BLE	Yes						No
Audio	HD voice, 2 mics, Noise Shield Technology, AI noise reduction				HD voice, 2 mics, Noise Shield Technology			
Push-to-Talk	Yes (customizable)							
Accelerometer	Yes				No		Yes	No
Charging	USB-C, supports Fast Charging, charging cradle include				Micro USB, charging cradle included			
Ruggedized	Yes		No		Yes	No		

NEW PRODUCT LINE

GHP SERIES

Easy-to-use compact
hotel IP phones

This Series of hotel IP phones features easy-to-use IP phones for any hotel room that can be programmed and customized based on the needs of the guests. The GHP series can be used in hotels, apartments, dormitories, etc.



GHP610, GHP610W, GHP611 & GHP611W

Compact Hotel Phones

- 2 SIP Accounts, 2 Lines
- 3-Way Audio Conferencing
- 3 programmable keys and 10-speed dial keys
- Hearing Aid Compatibility (HAC)
- Includes one 100Mbps network port with PoE (GHP610 & GHP611 only) or power adapter (GHP610W/GHP611W)
- Integrated dual-band wi-fi (GHP610W/GHP611W)
- GDMS online device management and provisioning



GHP620, GHP620W, GHP621 & GHP621W

Compact Hotel Phones

- 2 SIP Accounts, 2 Lines
- 3-Way Audio Conferencing
- 6 programmable keys, 10-speed dial keys, and customizable face plate
- Hearing Aid Compatibility (HAC)
- USB type C port for charging external devices
- Includes one 100Mbps network port with PoE (GHP620 & GHP621 only) or power adapter (GHP620W/GHP621W)
- Integrated dual-band wi-fi (GHP610W/GHP611W)
- GDMS online device management and provisioning



GHP630(W) & GHP631(W)

Compact Hotel Phones (Wi-Fi 6 support)

- 2 SIP Accounts, 2 Lines
- GDMS online device management and provisioning
- 3-way audio conferencing for easy conference calls
- Integrated dual-band 2.4GHz & 5GHz 802.11 a/b/g/n/ac/ax Wi-Fi 6 (GHP630W & GHP631W only)
- Includes one 100Mbps network port with PoE
- USB Type-C charging port for modern smart phone charging
- Hearing Aid Compatibility (HAC)
- Enterprise-level protection including secure boot

NEW

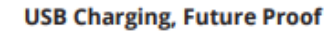
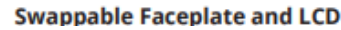
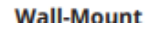


GHP630(W)



GHP631(W)





Model	 GHP610(W)	 GHP611(W)	 GHP620(W)	 GHP621(W)	 GHP630(W)	 GHP631(W)
SIP Accounts	2 lines, 2 accounts					
Audio Conferencing	3 way audio conferencing					
Network Interface	One auto-negotiation 10/100 Mbps ethernet port integrated PoE Class 2				One auto-negotiation 10/100 Mbps ethernet port integrated PoE	
Feature Keys	23 keys, including 3 programmable keys, 12 Standard Phone Digits keys, 5 Function keys (Flash, Redial, Hands-free, Voice Mail, Hold), 3 Volume Control keys, Up/Down Mute(with red color LED)		26 keys, including 6 programmable keys, 12 Standard Phone Digits keys, 5 Function keys (Flash, Redial, Hands-free, Voice Mail, Hold), 3 Volume Control keys, Up/Down Mute(with red color LED)		26 keys, including 6 context sensitive soft keys, 12 Standard Phone Digits keys, 5 Function keys (Flash, Redial, Hands-free, Voice Mail, Hold), 3 Volume Control keys, Up/Down/Mute(with red color LED)	
Swappable Faceplate	Yes, swappable faceplate for easy customization				-	
LCD	-				3.5" Color LCD (480x320)	
Voice Codecs	Support for G.729A/B, G.711μ/a-law, G.726, G.722 (wide-band), G.723, iLBC, and full band OPUS. In- band and out-of-band DTMF (in audio, RFC2833, SIP INFO), VAD, AEC, CNG, PLC, AGC, Ajb.				G.711μ/a, G.723, G.726, G.729A/B, iLBC, G.722 (wide-band), and full band OPUS.	
PoE	Yes integrated (GHP610 & GHP611 only)		Yes integrated (GHP620 & GHP621 only)		Yes integrated (GHP630 & GHP31 only)	
QoS	Yes					
Hearing Aid Compatibility	Yes					
USB	-		1 USB Type-C for charging external devices		1 USB Type-C for charging	
Wi-Fi	Yes integrated (GHP610(W) & GHP611(W))		Yes integrated (GHP620(W) & GHP621(W))		Yes integrated (GHP630(W) & GHP631(W))	
Wall Installation	1 wall mountable base					
Management	GDMS only device management and provisioning					

DEVICE MANAGEMENT

Deploy and Manage
Grandstream Solutions
Centrally

Grandstream complements its hardware solutions with centralized deployment, management, and troubleshooting systems

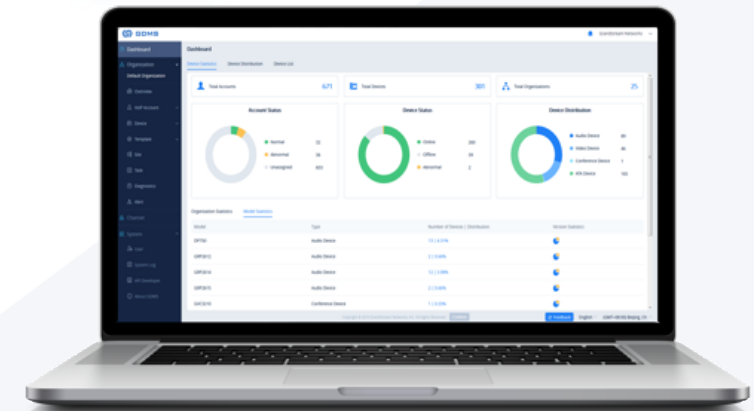


GDMS

Grandstream Device Management System

The Grandstream Device Management System (GDMS) is a zero-touch cloud provisioning and management system that provides easy-to-use enterprise-level tools to manage Grandstream products before, during, and after deployment. It provides a centralized interface to provision, configure, monitor, and troubleshoot.

- Configuration, management, and monitoring of devices, accounts, and firmware
- Real-time network monitoring; analytical system reports
- Can manage batches of devices by deployment sites, device groups, and models within those sites
- Intelligent alarms, troubleshooting, and diagnostic reports
- Automate firmware updates, device resets, and use-logs



BUSINESS CONFERENCING

Collaboration for companies of
all sizes

Grandstream conferencing solutions deliver
the benefits of powerful and flexible
collaboration to businesses of all sizes.



GAC2500

Android IP Conference Phone

- 4.3" capacitive touch screen LCD
- 6 lines with a built-in 7-way conference bridge
- Dual Gigabit networks ports & built-in PoE
- Integrated Bluetooth, USB , and Wi-Fi
- Runs Android 4.4 and offers access to the Google Play Store



GVC3220

Ultra HD Multimedia Conferencing System

- Supports sharp video quality of up to 4K Full-HD video output
- Runs on Android 9.0 operating system
- Remote video screen real-time control and sharing PC screen functions
- Advanced camera with 8M pixel CMOS sensor, FOV wide-angle lens, 12x zoom and PTZ for easy camera view adjustments
- Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi multimedia



GMD1208

Desktop Wireless Microphone

- Capacitive touch mute button with LED
- 1500mA built-in Li-Ion battery
- Micro-B port for charging, BYOD microphone and upgrading
- Low power indicator
- Bluetooth v2.1+EDR protocols
- Proprietary 2.4GHz wireless technology
- High-quality audio coding with error tolerance
- Built-in omni-directional MEMS with 26 ft. pickup range



GAC2570

Enterprise Conference Phone

- 7" (1200x800) IPS touch screen LCD
- 12 omnidirectional microphones with MMAD (Multichannel Microphone Array Design)
- Supports 12-party conferencing
- Dual Gigabit networks ports & built-in PoE
- Integrated Bluetooth 5.0, USB, and Wi-Fi 6
- Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation, and microphone beamforming array
- Android 10 operating system



GVC3210

Video Conferencing Endpoint

- Sharp HD video resolutions up to 4k Ultra HD
- Runs on Android 6.x operating system with access to applications in the Google Play store
- Integrated dual-band Wi-Fi and Bluetooth
- Built-in 4-MIC array with Noise Shield Technology, and support for external audio equipment
- Advanced camera with 16M pixel CMOS sensor, 90 FOV wide angle lens and ePTZ
- Support for Miracast wireless content sharing
- 1x HDMI in, 2x HDMI out, and 2x USB, 1 Micro SD



GVC3212

IPVideoTalk HD Video Conferencing Device

- Advanced camera with megapixel CMOS sensor, 60 FOV wide-angle lens
- Runs on Grandstream's IPVideoTalk Meetings Platform
- Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac
- Dual-microphones with 3-meter pickup distance, with advanced acoustic echo cancellation noise shield technology
- Built-on adjustable stand for TV-top mounting
- Support for Miracast and Airplay wireless content sharing to share a presentation with conference attendees
- Integrated 1x HDMI and 2x USB ports



IPVIDEOTALK MEETINGS

Unified Video Conferencing & Web Collaboration Service

This 100% cloud-based platform for online meetings and webinars that will help you stay connected with colleagues, customers, suppliers, and anyone with a PC/Mac, mobile device, or phone line.

Features include:

- HD audio and video
- Desktop sharing
- Chat functions
- White Board
- Webinars
- YouTube and Facebook Live integration
- Cloud storage
- And much more!



UCM6300 SERIES

Unified Communication & Collaboration Solution



Award-Winning On-Premise IP PBX Hardware Solution





Award-winning IP PBX Appliance with No Extra fees

Build powerful and scalable unified communication and collaboration solutions for just the one-time purchase price with lifetimes updates included at no extra cost



State-of-the-Art Communications & Collaboration

Voice and video calling, meetings, chat, data, analytics, mobility, surveillance, facility access, intercoms and more



Full Control with an On-Premise IP PBX

As a hardware PBX solution that includes all features and future upgrades with no extra fees, the UCM6300 Series provides full control and ownership of a UC solution



8 Models to Support 250 – 5000 Users

The UCM6300 Series includes 4 models with voice and video support, while the UCM6300A Series provides audio-only support. All models include a meetings and collaboration platform.



Zero-Config & Remote Management

Easy to setup and manage thanks to zero-configuration installation of Grandstream devices and remote management through the Grandstream Device Management System (GDMS)



UCM6300 SERIES MODELS

Model	UCM6301	UCM6302	UCM6304	UCM6308
SIP Users	500	1000	2000	3000
Calls	75	150	300	450
SRTP Calls	50	100	200	300
Video Conference (1080p - Full HD)	2 Rooms / 12 Parties	3 Rooms / 20 Parties	4 Rooms / 40 Parties	8 Rooms / 60 Parties
Audio Conference	Up to 75 parties	Up to 150 parties	Up to 200 parties	Up to 300 parties
FXS Ports	1	2	4	8
FXO Ports	1	2	4	8
Network Interfaces	3 Gigabit Ethernet (10/100/1000)			
NAT Router	Yes (supports router mode and switch mode)			
Peripheral Ports	1*USB 3.0 1*SD card interface	1*USB 2.0, 1*USB 3.0 1*SD card interface	2*USB 3.0 1*SD card interface	2*USB 3.0 1*SD card interface
LCD Display	320x240 color LCD with touch screen for Shortcut Keys and Scroll Bar		128x32 dot matrix graphic LCD with DOWN and OK buttons	
Voice and Fax Codecs	Opus, G.711 A-law/U-law, G.722, G722.1 G722.1C, G.723.1 5.3K/6.3K, G.726-32, G.729A/B, iLBC, GSM; T.38			
Video Codecs	H.264, H.263, H263+, H.265, VP8			
Power Supply	Input: 100 ~ 240VAC, 50/60Hz Output: DC 12V, 1.5A		2x Input: 100~240VAC, 50/60H Output: DC 12V, 2A	
Mounting	Wall mount & Desktop		Rack mount & Desktop	



UCM6300 AUDIO SERIES MODELS

Model	UCM 6300A	UCM 6302A	UCM 6304A	UCM 6308A
SIP Users	250	500	1000	1500
Calls	50	75	150	200
S RTP Calls	50	75	120	150
Audio Conference	3 Rooms / 50 Parties	5 Rooms / 75 Parties	7 Rooms / 120 Parties	9 Rooms / 150 Parties
FXS Ports	NA	2	4	8
FXO Ports	NA	2	4	8
Network Interfaces	3 Gigabit Ethernet (10/100/1000)			
NAT Router	Yes (supports router mode and switch mode)			
Peripheral Ports	1*USB 3.0 1*SD card interface	1*USB 2.0, 1*USB 3.0 1*SD card interface	1*USB 2.0, 1*USB 3.0 1*SD card interface	2*USB 3.0 1*SD card interface
LCD Display	320x240 color LCD with touch screen for Shortcut Keys and Scroll Bar			128x32 dot matrix graphic LCD with DOWN and OK buttons
Voice and Fax Codecs	Opus, G.711 A-law/U-law, G.722, G722.1 G722.1C, G.723.1 5.3K/6.3K, G.726-32, G.729A/B, iLBC, GSM; T.38			
Power Supply	Input: 100 ~ 240VAC, 50/60Hz Output: DC 12V, 1.5A			2x Input: 100~240VAC, 50/60H Output: DC 12V, 2A
Mounting	Wall mount & Desktop			Rack mount & Desktop



WAVE APP

Communicate from Anywhere on Any Device



Free app,
compatible with all
Grandstream PBX
platforms



Available for
Android, iOS,
desktop (Windows +
Mac), and web
browsers



Meetings, calls,
conferences, chat, file
sharing, contacts,
voicemail, & more



Virtual backgrounds,
screen-sharing,
whiteboard, meeting
assistant, calendar,
and more

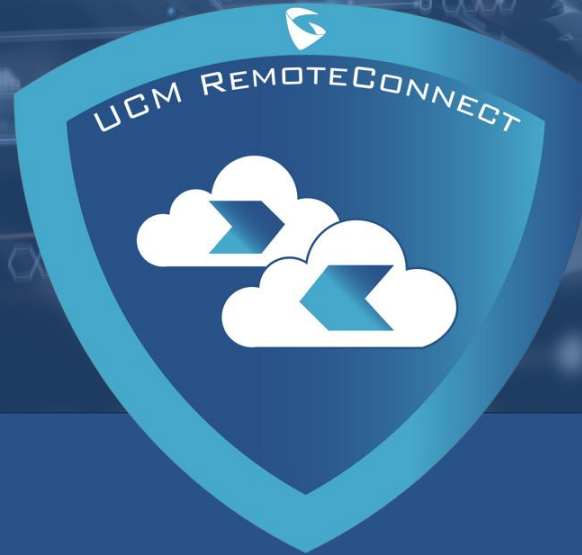


Free add-ons and
integrations allow
Wave to be used
with third-party
platforms



UCM RemoteConnect

Ensure Secure Connections by Remote Users



Cloud-based NAT
firewall traversal
service for
Grandstream PBX
solutions



Provides secure
connections by
remote users and
SIP endpoints



Advanced monitoring,
diagnosis, reports,
and real-time alerts;
runs on AWS

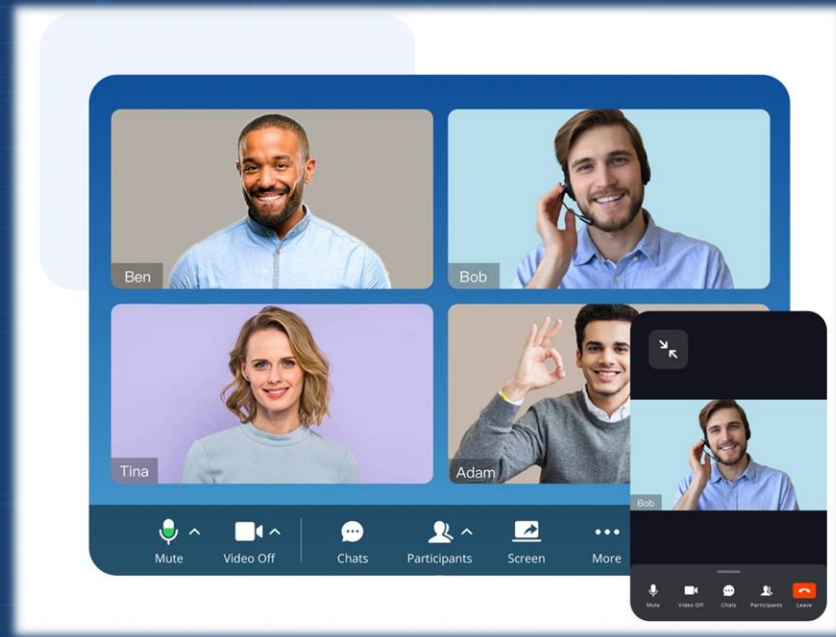
zero
CONFIG

Zero-touch
deployment, remote
management
through GDMS



Add-on annual
service with multiple
plans available

SOFTWAREUCM



A software PBX solution from Grandstream





SOFTWAREUCM

A software PBX solution from Grandstream



Software PBX for a Self-Hosted UC Solution

SoftwareUCM provides our award-winning UCM PBX platform through easy-to-deploy software to be installed and run on your own hardware, providing the ultimate control



State-of-the-Art Communications & Collaboration

Voice and video calling, meetings, chat, data, analytics, mobility, surveillance, facility access, intercoms and more



Supports All SIP Endpoints and Wave App

SoftwareUCM supports all SIP endpoints and the Wave app for desktop, mobile, and web – allowing users to communicate from anywhere at any time



Host on Physical & Virtual Machines, Cloud Platforms

By supporting a variety of hosting environments and flexible server resource requirements, SoftwareUCM can be easily implemented and provides ultimate control.



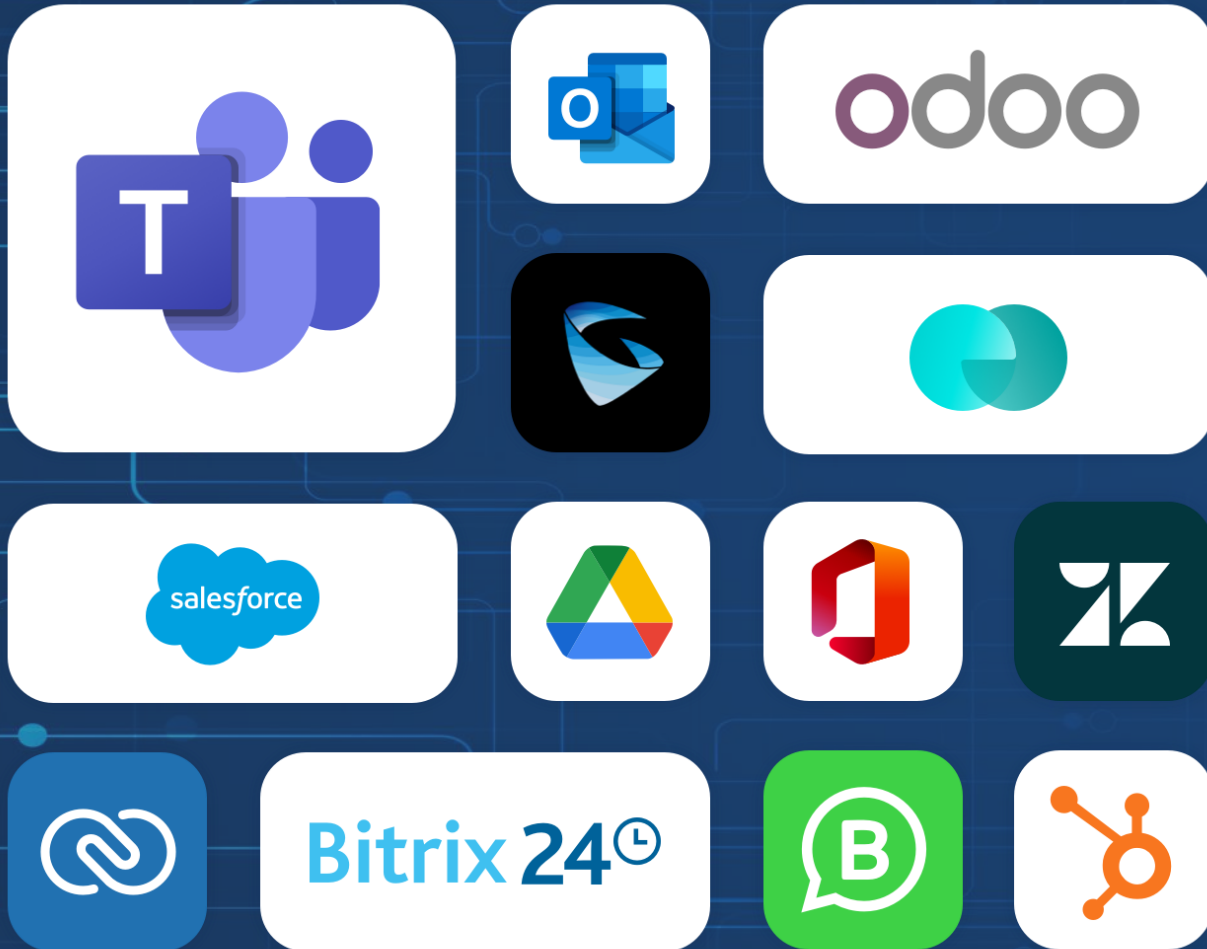
Customizable Plans Support 50-5000 Users

Build custom plans to fit the exact needs of any business and expand at any time. Our plans support up to 5000 users and 750 concurrent calls.



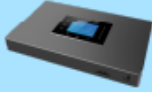
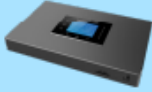
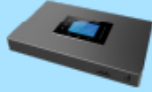
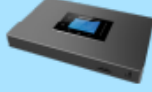
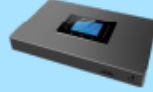
GRANDSTREAM PBX SOLUTIONS

Integrations and Expansions



- Grandstream PBX platforms can be integrated with third-party systems to maximize business continuity
 - CRM platforms
 - Property Management Systems (PMS)
 - ERP systems
 - Helpdesk systems
 - Live Customer Service platforms
 - Microsoft Teams (via TeamMate) and Office 365
 - Google Drive
 - And more...
- API & SDK available for customization

UCM Series - Unified Communications and Collaboration Solution

Model	 UCM6300A	 UCM6302A	 UCM6304A	 UCM6308A	 UCM6301	 UCM6302	 UCM6304	 UCM6308
Asterisk Version	System 16	System 16	System 16	System 16	System 16	System 16	System 16	System 16
Main Processor	4-core processor	4-core processor	6-core processor	6-core processor	4-core processor	4-core processor	6-core processor	6-core processor
RAM + Flash	1GB RAM + 32GB Flash	1GB RAM + 32GB Flash	4GB RAM + 128GB Flash	4GB RAM + 128GB Flash	2GB RAM + 32GB Flash	4GB RAM + 32GB Flash	4GB RAM + 128GB Flash	4GB RAM + 128GB Flash
Max Users/Concurrent Calls	250/50	500/75	1000/150	1500/200	500/75	1000/150	2000/300	3000/450
Max concurrent SRTP calls	50	75	120	150	50	100	200	300
SFU Video Conference & Video Meetings Bridge	No	No	No	No	Up to 20x 1080p HD participants	Up to 30x 1080p HD participants	Up to 60x 1080p HD participants	Up to 80x 1080p HD participants
Voice Conference Bridge	Up to 50 participants	Up to 75 participants	Up to 120 participants	Up to 150 participants	Up to 75 participants	Up to 150 participants	Up to 200 participants	Up to 300 participants
Network Ports with PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE	3xGigabit, PoE/PoE+
Configurable Use of 3rd Network Port	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc	Admin Access, HA, etc
Peripheral Ports	USB, SD	2xUSB, SD	2xUSB, SD	2xUSB, SD	USB, SD	USB, SD	2xUSB, SD	2xUSB, SD
LCD	2.8" Touch Screen	2.8" Touch Screen	2.8" Touch Screen	128x32 B&W	2.8" Touch Screen	2.8" Touch Screen	128x32 B&W	128x32 B&W
FXO/FXS Ports	0/0	2/2	4/4	8/8	1/1	2/2	4/4	8/8
Support for Wideband Codec Opus	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voice Jitter Resilience	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)	Yes (50% packet loss)
Video Jitter Resilience	N/A	N/A	N/A	N/A	Yes (25+% packet loss)	Yes (25+% packet loss)	Yes (25+% packet loss)	Yes (25+% packet loss)
CRM/Hospitality/Call Center Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Graphical Control Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Availability Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto NAT Traversal for Remote Devices (UCM RemoteConnect)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wave Desktop/Mobile/Web (IM, calls, meetings, etc.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Case Design/Material	Desktop/Plastic	Desktop/Plastic	Desktop/Plastic	Rack-Mount/Metal	Desktop/Plastic	Desktop/Plastic	Rack-Mount/Metal	Rack-Mount/Metal

VoIP GATEWAYS

Add Analog Devices to VoIP Networks

The GXW IP Analog Gateway series enables businesses to create seamless office environments and integrate traditional phone systems into a VoIP network. Manage and cut down your communication costs and create a streamlined network with these gateways.



GXW4200 v2 Series

16/24/32/48 Port FXS Gateway

- 16KHz voice sampling per port
- High density 16/24/32/48 port models
- Multiple SIP profiles
- Auto provisioning
- 132x32 graphic LCD display
- Gigabit network port
- Rack mountable





VoIP Gateway GXW4200 series V1 vs. V2

SPECIFICATIONS	 GXW4200 Series v1	 GXW4200 Series v2
Carrier-Grade Enhancement Features	No	Yes, dual firmware images, extra security and cloud provisioning
Security Protection	SRTP, TLS/SIPS, HTTPS (AES-128 encryption for SRTP, TLS and HTTPS)	SRTP, TLS/SIPS, HTTPS (AES-128 encryption for SRTP, TLS and HTTPS), secure boot, random default password, unique certificate per device
Voice Compression	8KHz voice sampling per port, G.711, G.723.1, G.726 (40/32/24/16), G.729 A/B, iLBC	16KHz voice sampling per port, G.711, G.723, G.726-32, G.729, iLBC G.722 (wide-band), and OPUS (wide-band), concurrent 3-way conference/fax per port
Provisioning	TFTP, HTTP, HTTPS, TR069	TFTP, HTTP, HTTPS, TR069, FTP, FTPS, GDMS
Network Protocols	TCP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN, LLDP	TCP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS, DHCP, NTP, TFTP, PPPoE, STUN, LLDP
LCD Display	Backlit 128x32 graphic LCD display with support for multiple languages	Backlit 132x32 graphic LCD display with support for multiple languages
Physical	Unit Weight: 3.21KG Package weight: 4.31KG (GXW4248) 2.63KG 3.68KG (GXW4232) 2.57KG 3.62KG (GXW4224) 2.39KG 3.48KG (GXW4216)	Unit Weight: 3.36KG Package weight: 4.92KG (GXW4248) 2.76KG 3.78KG (GXW4232) 2.60KG 3.65KG (GXW4224) 2.40KG 3.44KG (GXW4216)
Analog Voice Ports	GXW4216/4224/4232: 16/24/32 x RJ11 & 1/1/2 50-pin Telco connectors GXW4248: 2 50-pin Telco connectors	
Network Interfaces	1 x 10M/100M/1000Mbps auto-sensing RJ45 port	
Failover SIP Server Support	Yes	

ATAs

Analog Telephone Adapters

Grandstream's HT series of Analog Telephone Adapters are utilized and deployed by some of the largest service providers in the world. They allow users to create high-quality and easily-managed IP telephony solutions for analog devices in office or residential deployments.



HT801 & HT802

Analog Telephone Adapter

- HT801 –1 FXS port with 1 SIP profile
- HT802 –2 FXS ports with 2 SIP profiles
- Integrated 10/100Mbps port
- Supports 3-way voice conferencing.
- T.38 Fax support for creating Fax-over-IP
- Advanced telephony features, such as call transfer, multi-language prompts, flex dial plan, and more
- Automated provisioning options include TR-069 and XML config files



HT812, HT814 & HT818

FXS Port Analog Adapter

- HT812 –2 FXS ports with 2 SIP profiles
- HT814 –4 FXS ports with 2 SIP profiles
- HT818 –8 FXS ports with 2 SIP profiles
- Dual Gigabit network ports and integrated NAT router
- Features T.38 Fax, 3-way audio conferencing, and a wide range of advanced telephony features
- Automated provisioning options including TR-069 and XML config files
- Supports Zero Config when used with the UCM series of IP PBXs



HT813

Hybrid FXS and FXO ATA

- 2 SIP profiles through 1 FXS port and 1 FXO port
- Dual 100Mbps LAN and WAN ports
- Features T.38 Fax, 3-way audio conferencing, and a wide range of advanced telephony features
- Automated provisioning options including TR-069 and XML config files
- Supports Zero Config when used with the UCM series of IP PBXs
- Lifeline support in case of a power outage and failover SIP server



HT841/HT881

Analog FXO Gateway

- Supports 3 SIP profiles through 1 FXS port and 4/8 FXO ports
- High-performance NAT router
- Lifeline support (FXS port will be hard-relayed to FXO port) in case of a power outage
- 3-way voice conferencing per port
- Automated & secure provisioning options using TR069
- Supports T.38 Fax for reliable Fax-over-IP
- Failover SIP server automatically switches to secondary server if the main server loses connection
- Strong AES encryption with security certificate per unit



Personal Collaboration Solutions

HD Headsets & Webcam

Audio & Video Solutions that Enhance Remote
Communication and Collaboration



GUV3050 HEADSET

Bluetooth Headset with HD Audio and Noise Cancellation

- **Bluetooth** for wireless use
- **Noise Canceling technology** to reduce background noise
- **Charging base station** provides a quick recharge and convenient storage
- **Adjustable** headbands & soft ear cushions
- **Included USB adapter** for usage with non-Bluetooth devices
- **12-hour talk time** for all day usage



GUV3000 & GU3005 HEADSETS

USB Headsets with HD Audio and Noise Cancelling

- **USB 2.0 connection** type for flexible use and compatibility with most devices.
- Both headsets feature **Noise Canceling technology** microphones to reduce background noise during a call.
- **In-line controls** for quick setting adjustments.
- **Adjustable** headbands and soft ear cushions.



GUV3000 & GUV3005 HEADSETS

Technical Specifications - **Speakers**

SPEAKERS	GUV3000	GUV3005
Speaker Diameter	27mm	27mm
Impedance	150(±15%)Ω	32(±15%)Ω
Sensitivity	95±3dB (at 1kHz 1mW)	94dB (at 1kHz 1mW)
Frequency Response	100Hz~7KHz	20Hz~20KHz
Distortion	Max: 3% & 1KHz	
Default Input Power	10mW	
Maximum Input Power	20mW	
L/R Volume Level Difference Average	≤3dB (at 1kHz 1mW)	



GUV3100 WEBCAM

Full HD 1080p Personal Webcam

- Supports **1080p HD** video at 30 fps.
- **USB 2.0** connection offers plug-and-play setup, no software needed.
- Compatible with **all major third-party** platforms, apps, and softphones.
- Adjustable **video settings** include brightness, resolution, saturation, contrast, low-light, and more.



GUV SERIES

Compatible with most collaboration apps and tools

The GUV3100 offers peace-of-mind by being **compatible with all major platforms**, including Grandstream's IPVideoTalk, Microsoft Teams, Zoom, Slack, Google, Cisco, 3CX, Wave app & much more.

zoom

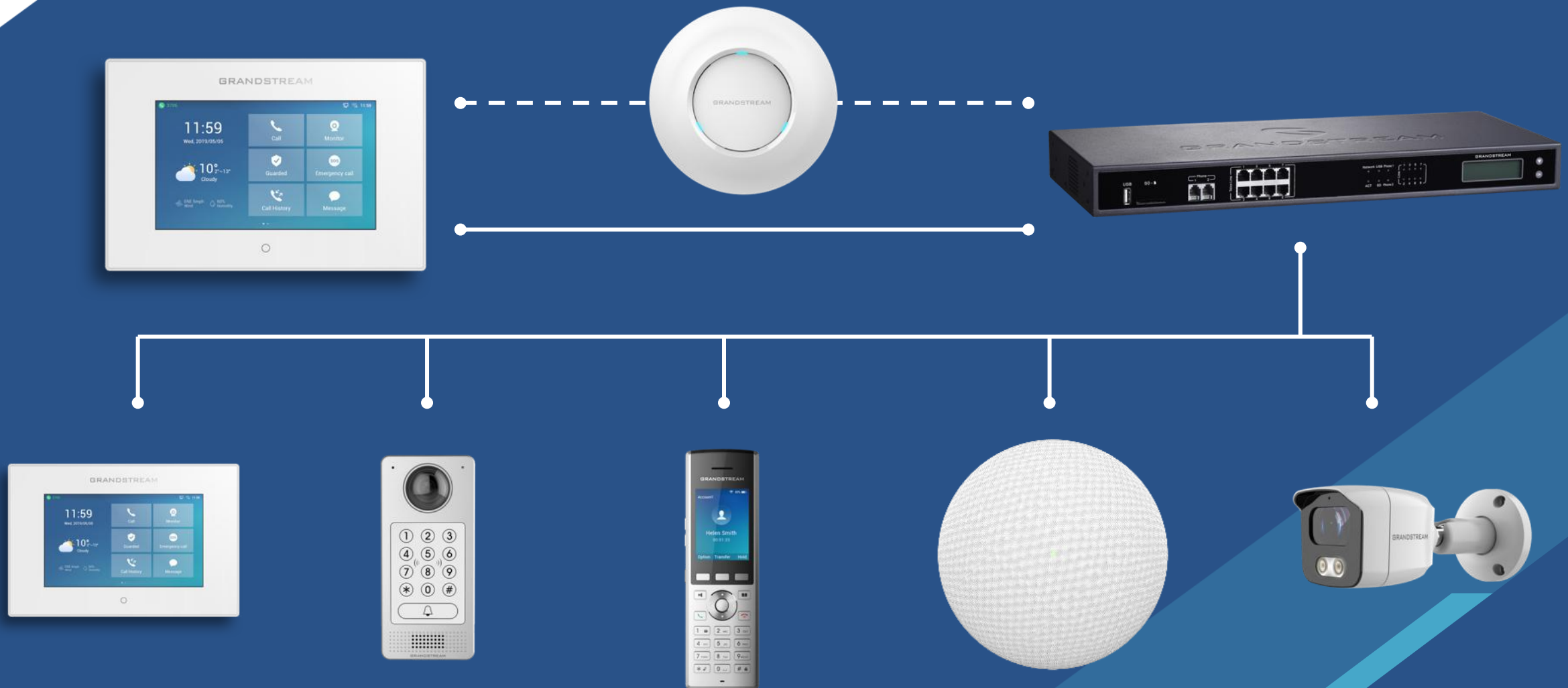


Meet

slack

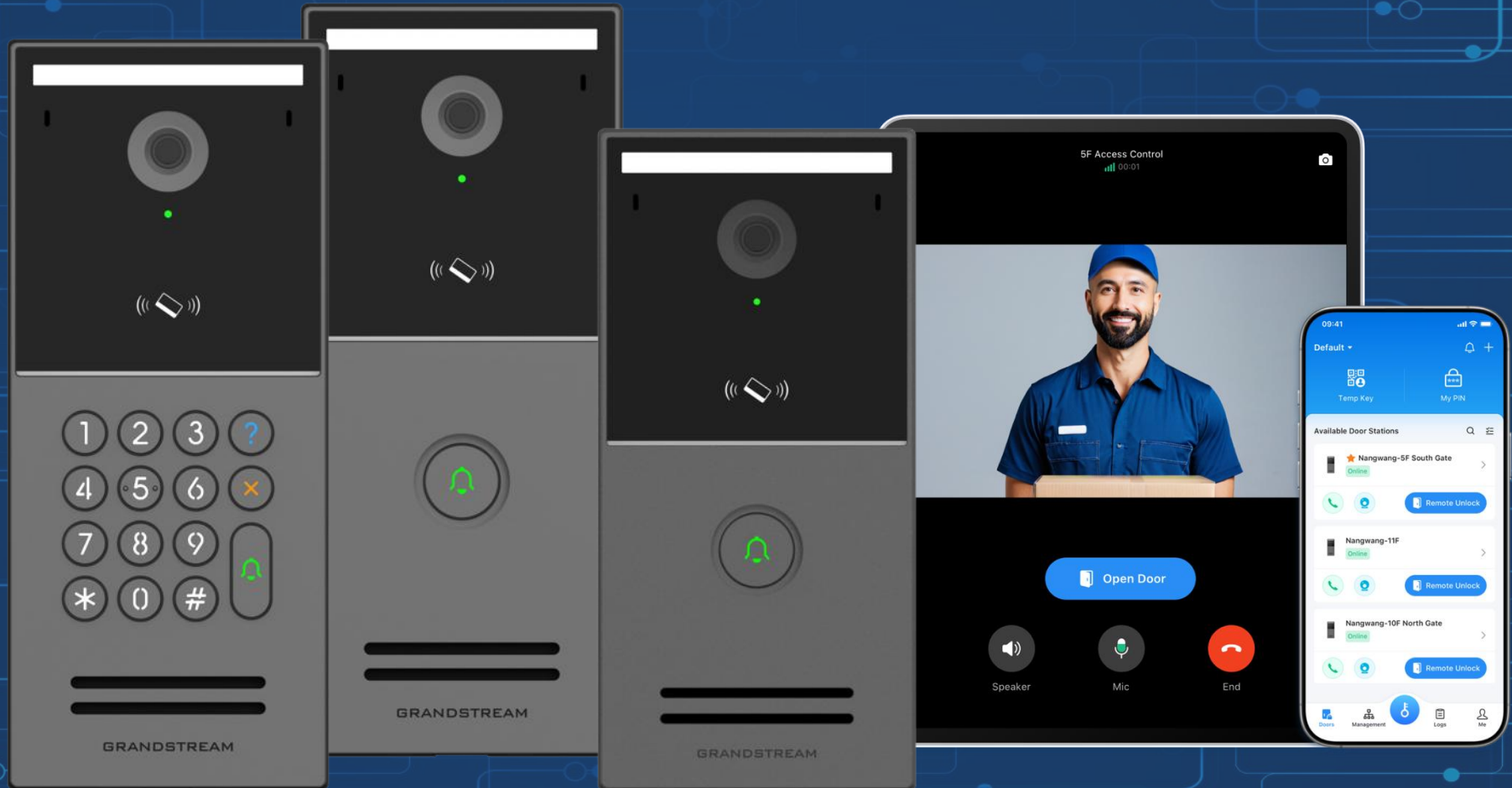


FACILITY MANAGEMENT SOLUTIONS





GDS3720 SERIES SMART VIDEO DOOR STATIONS





GDS3720 Series Smart Video Door Stations



GDS3725

Metal Casing
IK10 Vandal-Resistant



GDS3726

Metal Casing
IK10 Vandal-Resistant



GDS3727

Plastic Casing
Integrated Wi-Fi 6

- Enhanced Security Protection (using Solid-State Relay)
- 1080p HD video resolution with WDR and a 127-degree viewing angle
- 3W speaker, 2x MIC
- AI-based Video, Audio, and Analysis
- IP66 Weatherproof
- IK10 or IK07 Vandal Resistant
- SecureAccess app
- Built-in Wi-Fi 6 (GWN3727)



GDS3720 Series



GDS3725

1080p HD video

127-degree viewing angle

2 mics + 3-watt speaker

IP66 Weatherproof

1 RJ45 10/100Mbps port + PoE

Metal Casing

IK10 Vandal Resistant

2x Solid State Relay

3 alarm in + 2 alarm out

15 key numeric keypad



GDS3726

1080p HD video

127-degree viewing angle

2 mics + 3-watt speaker

IP66 Weatherproof

1 RJ45 10/100Mbps port + PoE

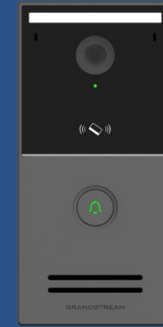
Metal Casing

IK10 Vandal Resistant

2x Solid State Relay

3 alarm in + 2 alarm out

1 doorbell key (no numeric keys)



GDS3727

1080p HD video

127-degree viewing angle

2 mics + 3 watt speaker

IP66 Weatherproof

1 RJ45 10/100Mbps port + PoE

Plastic Casing

IK06 Vandal Resistant

1x Solid State Relay

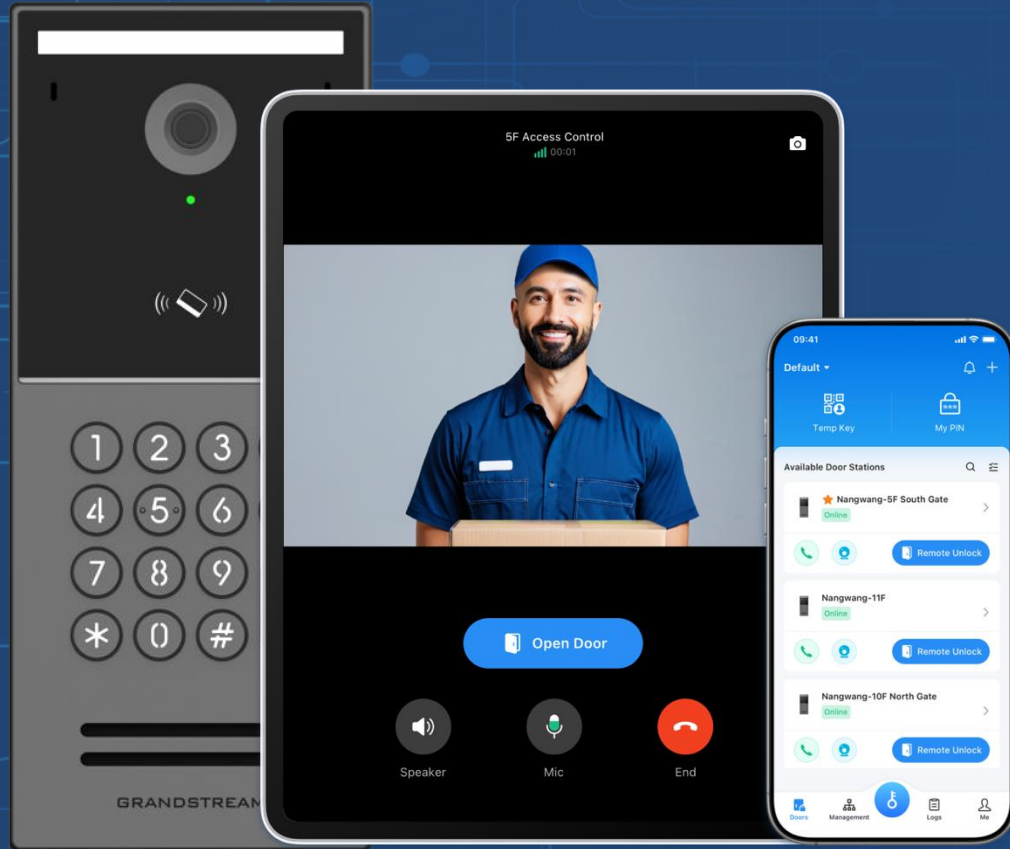
2 alarm in +1 alarm out

1 doorbell key (no numeric keys)

Built-in Wi-Fi 6



A Smart Video Solution



- **AI Image Sensor Processor** instantly analyzes events in real time
- **1080p HD** video resolution ensures maximum clarity
- **Wide Dynamic Range (WDR)** provides 127-degree viewing angle
- **AI-based motion detection** confirms everything is captured
- **AI Intelligent Fill Light** enhances video to maximize quality
- **AI Behavior Analysis** identifies patterns, predicts future events, and detects anomalies
- **Intrusion & loitering detection** offers proactive security protection



SecureAccess App

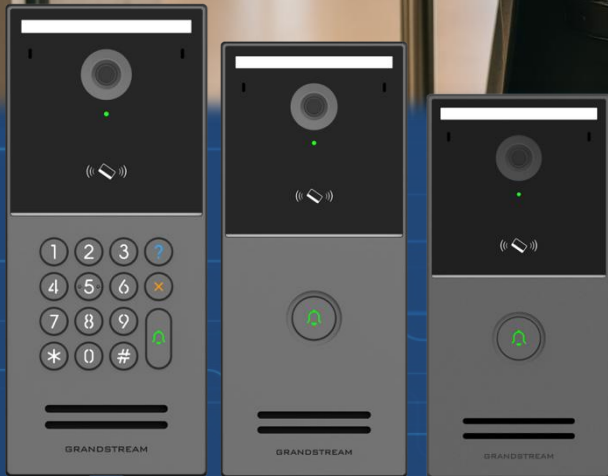
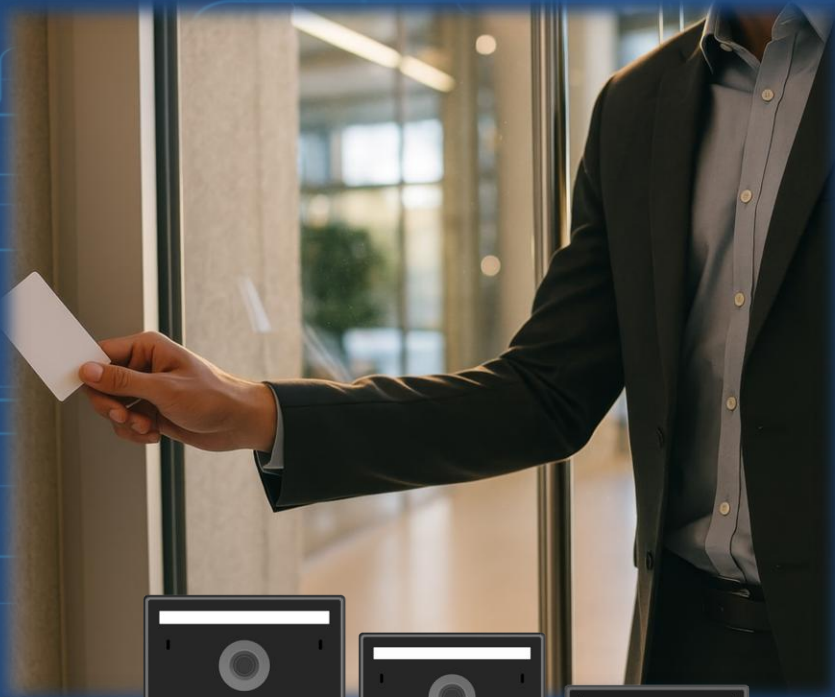


- Provides businesses and home users with **full control** of their GDS3720 Series solution **from any smart device**
- **Easily open and lock doors, video chat with visitors, view live feeds, create temporary access credentials, and more**
- Provides **centralized control** of multi-location access systems for enterprises and residential communities
- **Remotely manage** users, residents, door stations, visitors, alarms, and door logs
- Review **detailed logs** of unlocks, calls, snapshots, and alarms
- **Free for 10 users or less**
- **Plans for 11+ users available for purchase:** cloud.grandstream.com





GDS Manager



- Grandstream's free facility access management software
- FREE
- Based on client/server architecture
- Provides access management control, basic reports, door entrance logs, and attendance reports
- Download: grandstream.com/support/tools

GDS Series – Audio & Video Intercom

	 GD3712	 GDS3710	 GDS3705	 GDS3702
Image Sensor Resolution	1/2.7", 2 Megapixel, 1920H x 1080V	1/2.7", 2 Megapixel, 1920H x 1080V	-	-
Lens Type	1/2", F2.5, FOV:180°(W) x 150°(H)	1/2", F2.5, FOV:180°(W) x 150°(H)	-	-
Max Video Resolution	1920x1080	1920x1080	-	-
Max Frame Rate	30 frames per second	30 frames per second	-	-
Voice Codecs	G.711μ/a-law, G.722, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), AEC	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC, ANC	G.711μ/a, G.722, DTMF(RFC2833, SIP INFO), AEC, ANC
PoE	Yes			
Network Interface	10M/100M Auto-sensing			
Motion Detection	Supports motion detection (upto 4 privacy masks)	Supports motion detection (upto 4 privacy masks)	Motion detection not supported	Motion detection not supported
Audio Input	Integrated microphone (AEC with excellent background noise supression)	Integrated microphone (AEC with excellent background noise supression)	Integrated dual microphones upto 1.5m	Integrated dual microphones upto 1.5m
Audio Output	HD loudspeaker 2W, up to 3m			
RFID	No RFID	125KHz: EM4100 (1 RFID card and 1 RFID key fob included)	125KHz; EM4100	No RFID
Keypad	1 call button with blue LED backlight	built-in keypad, 12+1 Metal keys with blue LED backlight	built-in keypad, 12+1 Metal keys with blue LED backlight	1 call button
Waterproof Certificate	IP66			
Vandal Resistance	IK10	IK09	IK09	IK10
Mounting	On-Wall, In-Wall (Mount Kit required, Sold separately)	Wall Surface, In Wall (Flushing)	Wall Surface, In Wall (Flushing)	On-Wall, In-Wall (Mount Kit required, Sold separately)
Temperature	-30° C to 60° C			
Dimensions (HxWxD)	On-Wall: 173mm x 80mm x 36mm; In-Wall: 217mm x 120mm x 11.6mm	173mm x 80mm x 36mm	On Wall: 173mm x 80mm x 36mm In wall: 217mm x 120mm x 11.6mm;	On-Wall: 173mm x 80mm x 36mm; In-Wall: 217mm x 120mm x 11.6mm
Compliance	CE,FCC,IC,RCM,UKCA	FCC,CE,RCM,IC	FCC,CE,RCM,IC	CE,FCC,IC,RCM,UKCA

SIP INTERCOMS & SPEAKERS

Public address and two-way
intercom solutions

Create a powerful intercom or PA system with
our GSC3500 series of IP intercoms and
speakers



Outdoor SIP Talk-Back Speakers



GSC3518HS Horn Speaker

- 50W speaker power (single speaker)
- PoE++ In, or 24V-48V DC-In; PoE+ Out



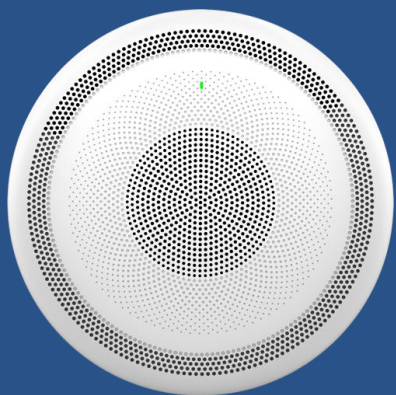
GSC3518CS Column Speaker

- 70W speaker power (integrated 3 speakers covering wider frequency band)
- PoE+++ In, or 48VDC/2A-In

- 3x Mic, AI-based background noise suppression and acoustic echo cancellation for 2-way talk, max 8-meter voice pickup distance
- IP66 Weather-proof, high wind resilience, pole/wall-mountable

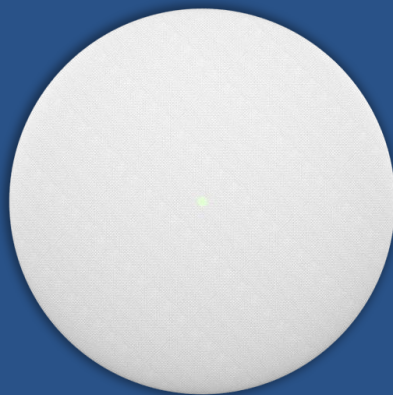
GSC3500 SERIES INTERCOM SOLUTIONS

Highlights



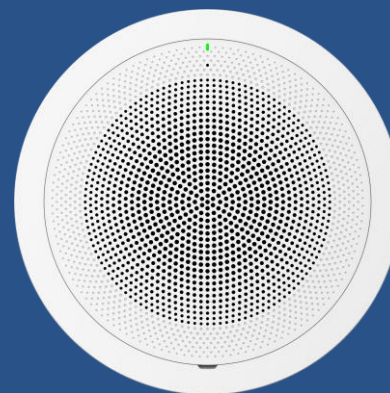
GSC3516

SIP/Multicast Talk-
Back Speaker



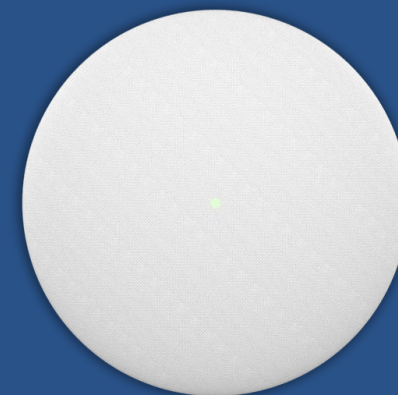
GSC3510

SIP/Multicast Intercom
Speaker/Mic



GSC3506

SIP/Multicast
Intercom Speaker



GSC3505

SIP/Multicast 1-Way
PA Speaker



SIP based
devices



Built-in dual-
band Wi-Fi



Integrated
Bluetooth



HD Speakers
with HD acoustic
chambers



3 directional
Mics (GSC3610
& GSC3516)



PoE &
PoE+



HD audio
support
(Opus, G.729)

GSC3505

1-way Public Address SIP Speaker

- 8W high-fidelity HD speaker
- Full-duplex speakerphone with HD acoustic chamber
- Full-band and wide-band audio codec support including Opus & G.722
- Integrated dual-band Wi-Fi and Bluetooth
- 10/100 Mbps network port with PoE/PoE+
- SIP paging, multicast paging, call-waiting with priority override



NEW

GSC3506

SIP/Multicast Intercom Speaker

- 30W high-fidelity HD speaker(coaxial)
- Speaker with HD acoustic chamber
- Features SIP paging, multicast paging, call-waiting with priority override
- Full-band and wide-band audio codec support including Opus and G.722
- 1x 2-pin switch-in input port, 1x Alarm-in input port, vol+/- Key, reset, 1x network port, 1x USB port
- One 10/100Mbps network port with PoE/PoE+



NEW

GSC3506 v2

Multicast Paging Speaker

- 30W high-fidelity speaker with HD acoustic chamber
- Supports SIP paging, multicast paging, call waiting with priority override, and more
- Supports full-band and wide-band audio codecs, including Opus and G.722
- 1x 3-pin differential line out port
- Ports include 1x 2-pin switch-in input, 1x alarm-in input, 1x DC24V, 1x network, and 1x USB port; Keys include volume up/down, and reset
- One 10/100Mbps network port with PoE/PoE+/PoE++



GSC3510

SIP Intercom Speaker/Microphone

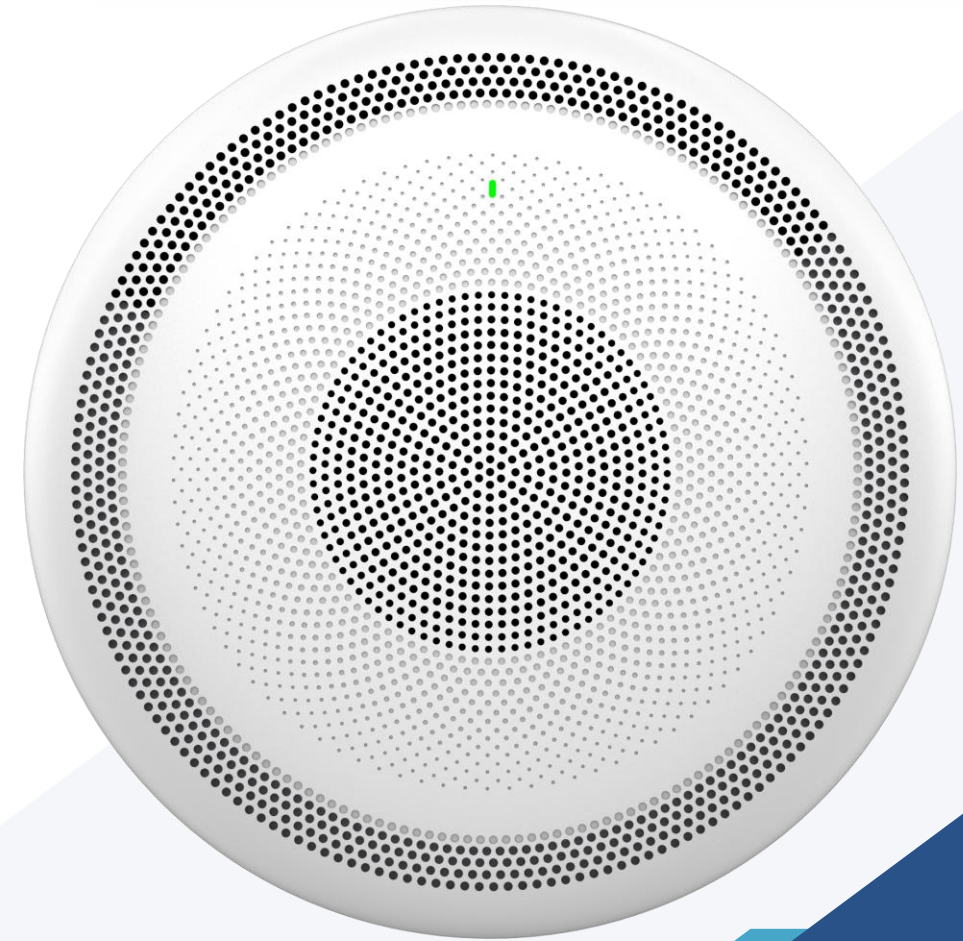
- High-Fidelity 8W HD speaker
- Full-duplex speakerphone with HD acoustic chamber
- Advanced acoustic echo cancellation
- 3 directional mics with MMAD & microphone beamforming array
- Full-band and wide-band audio codec support including Opus & G.722
- Integrated dual-band Wi-Fi and Bluetooth
- 10/100 Mbps network port with PoE/PoE+
- 2-pin multi-purpose input to support peripherals including call button
- SIP paging, multicast paging, call-waiting with priority override



GSC3516

SIP/Multicast Talk-Back Speaker

- 15W high-fidelity HD speaker
- Full-duplex speakerphone with HD acoustic chamber & advanced acoustic echo cancellation
- 3 directional mics with MMAD, microphone beamforming array & 1 omnidirectional auxiliary microphone
- Full-band and wide-band audio codec support including Opus & G.722
- Integrated dual-band 802.11 a/b/g/n/ac Wi-Fi and Bluetooth
- One 10/100 Mbps network port with PoE/PoE+
- 2-pin multi-purpose input to support peripherals including call button

NEW

IP Public Address System – GSC Series



	GSC3505	GSC3506	GSC3510	GSC3516
Mic and Intercom	N/A	N/A	3 directional mics with MMAD & microphone beamforming array	3 directional mics with MMAD & microphone beamforming array and 1 omnidirectional auxiliary microphone
Acoustics	Speaker with HD Acoustic Chamber	Speaker with HD Acoustic Chamber	Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation	
HD Audio	Full-band and wide-band audio codec support including Opus & G.722			
Network	One 10/100Mbps network port with PoE/PoE+			
Wi-Fi and Bluetooth	Yes			
Speaker	8W High-Fidelity HD Speaker	30W High-Fidelity HD Speaker	8W High-Fidelity HD Speaker	15W High-Fidelity HD Speaker

GSurf Pro V2

Video Management Software

- Client/Server architecture with e-Map support
- File sharing server for remote downloads and replays
- Multi-screen display support with manual or automatic patrol viewing
- Transmit server for multi-point viewing of the same live video
- Manages up to 72 Grandstream cameras and encoders / decoders



GSC3570

HD Intercom and Facility Control Station

- 7-inch 1024x600 capacitive touch screen TFT LCD with Home Key
- Built-in PoE to power the device and give it a network connection
- Dual-band 802.11ac Wi-Fi
- 4x alarm input ports and 1x alarm output port for customized deployments
- Full duplex 2-way HD audio with advanced echo cancellation
- 4 SIP accounts
- Linux 4.4



GSC3574/3575

HD Intercom and Facility Control Station

- 7-inch 1024x600 capacitive touch screen TFT LCD
- Dual-band Wi-Fi 6 802.11 a/b/g/n/ac/ax (2.4GHz and 5GHz)
- 8x alarm input ports and 2x alarm output ports for customized deployments
- 6 SIP accounts, 2-way call
- Integrated Bluetooth 5.0
- Runs Android13 and supports HVAC, lighting, smart home, smart office, and similar Android apps
- Full duplex 2-way HD audio with advanced echo cancellation



GWN SERIES

Wi-Fi Access Points

Grandstream's powerful Wi-Fi Access Points offer high-performance networking, industry-leading coverage range, fast provisioning, and management thanks to a built-in controller, outstanding network throughput, and support for a large number of clients per AP.



GWN SERIES NETWORKING SOLUTIONS

3 Free Management Options



1. GWN.Cloud
2. GWN Manager
3. Built-in Controllers

Easy Installation



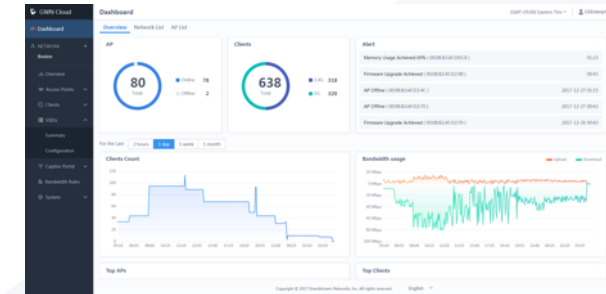
Just scan a barcode with the GWN app

Large Portfolio of APs, Routers & Switches



Full portfolio of WiFi APs, Wi-Fi routers and network switches

Real-time Monitoring, Alerts & Reports



Available on all solutions



3-year warranty on all GWN products



MANAGEMENT OPTIONS – GWN SERIES



- ✓ **FREE**
- ✓ **AWS CLOUD PLATFORM**
- ✓ **MOBILE APP & WEB UI**
- ✓ **UNLIMITED DEVICES**
- ✓ **SECURE CLOUD PROVISIONING**

GWN.MANAGER



- ✓ **FREE**
- ✓ **SOFTWARE CLIENT & MOBILE APP**
- ✓ **LOCAL SERVER DEPLOYMENTS**
- ✓ **UP TO 3,000 DEVICES**

BUILT-IN CONTROLLERS



- ✓ **FREE**
- ✓ **EMBEDDED IN WEB UI**
- ✓ **LOCAL NETWORK DEPLOYMENTS of 30-50 GWN DEVICES**



WHY GWN SERIES SOLUTIONS?



3-Year Warranty

Standard on all GWN models



Free Management

GDMS (GWN.Cloud), GWN Manager and embedded controllers



Secure Out-of-the-Box

Enterprise-grade security on all models



Easy Installation

Add new APs, routers & switches by scanning a barcode with the GWN App



Remote Management

Provides scalability and flexible management options



Advanced Features

Take advantage of Captive portals, Mesh, VPN, QoS and more



One-Stop-Shop

Grandstream offers everything needed to build wired and Wi-Fi networks



In-Stock and Available Now

Contact your distributor today



GRANDSTREAM IS A MEMBER OF THE WI-FI ALLIANCE



Wi-Fi Alliance® is the worldwide network of companies bringing you Wi-Fi®, one of the world's most valued communications technologies. Our vision is to connect everyone and everything, everywhere.

The Wi-Fi Alliance is an independent organization that drives global Wi-Fi adoption and evolution through thought leadership, spectrum advocacy, and industry-wide collaboration.

GRANDSTREAM

CONNECTING THE WORLD



Wi-Fi 7: Build Next-Gen Networks



Wi-Fi 7 is up to 4 times faster than previous Wi-Fi generations, supports more connections, reduces latency, increases network capacity, boosts stability, and maximizes efficiency.

- ✓ **The Fastest Wi-Fi Speeds** – Wi-Fi 7 adds a third-band (6ghz) and packs more data into each transmission. Its' channels are twice the size of Wi-Fi 6 channels.
- ✓ **Increased Capacity** – Wi-Fi 7 segments channel bandwidth into smaller units to allow those channels to be used by other devices without impacting existing signals.
- ✓ **Maximum Reliability with Ultra-Low Latency** – connect to Wi-Fi 7 on multiple bands simultaneously, ensuring data goes through without delay, and providing faster speeds.
- ✓ **Eliminates Congestion and Interference** – Ideal for environments with many and/or densely packed clients, including businesses, enterprises, hotels, schools, and more.



Wi-Fi 7 Indoor Access Points



GWN7674

- High-Performance Tri-band
- 4x4:4 MU-MIMO Wi-Fi 7 (5Ghz and 6Ghz band), 2x2:2 on 2.4Ghz band
- 21Gbps wireless throughput
- 175-meter coverage range
- Supports 768 devices
- PoE++, 1x 2.5GB + 1x 10GB ports
- Bluetooth Low Energy (BLE) 5.3



GWN7672

- Tri-band 2x2:2 MU-MIMO Wi-Fi 7
- 11Gbps wireless throughput
- 175-meter coverage range
- Supports 384 devices
- PoE+, 2x 5G ports
- Bluetooth Low Energy (BLE) 5.3



GWN7670

- Dual-band 2x2:2 MU-MIMO Wi-Fi 7
- 3.6Gbps wireless throughput
- 175-meter coverage range
- Supports 256 devices
- PoE+, 2x 2.5G ports
- Bluetooth Low Energy (BLE) 5.3



GWN7670WM

- Wall-Mount Wi-Fi 7 Access Point
- Dual-band 2x2:2 MU-MIMO Wi-Fi 7
- 3.6Gbps wireless throughput
- 175-meter coverage range
- Supports 256 devices
- PoE+, 1x 2.5G port
- Bluetooth Low Energy (BLE) 5.3



Wi-Fi 7 Long-Range APs



GWN7670LR

- Wi-Fi 7 with Dual-band 2×2:2 MU-MIMO
- 3.6Gbps wireless throughput
- 2.5 Gigabit Ethernet and 2.5 Gigabit SFP ports
- 350-meter coverage range
- Supports 256 devices
- PoE+, 1x 2.5G port, 1x 2.5G SFP port
- Bluetooth Low Energy (BLE) 5.3
- IP66 Weatherproof certification



Wi-Fi 6 & Wi-Fi 5 APs

NEW!



GWN7660EM



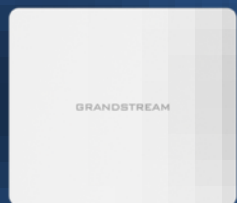
GWN7605CLR



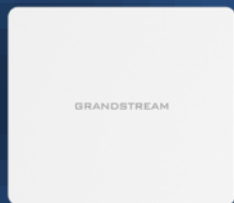


WiFi 5 & WiFi 6: GWN SERIES ACCESS POINTS

Indoor APs



GWN7602



GWN7603



GWN7605



GWN7615



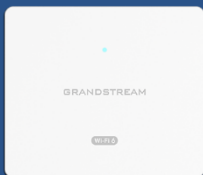
GWN7624



GWN7625



GWN7630



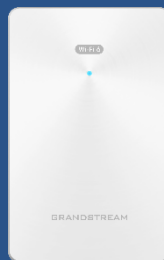
GWN7604



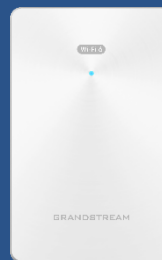
GWN7660



GWN7660E



GWN7661



GWN7661E



GWN7662



GWN7664



GWN7664E



GWN7665

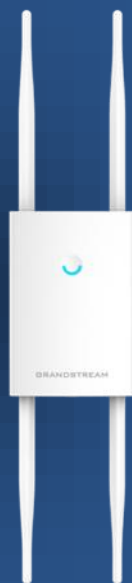


WiFi 5 & WiFi 6: GWN SERIES ACCESS POINTS

Long-Range & Outdoor APs



GWN7605LR



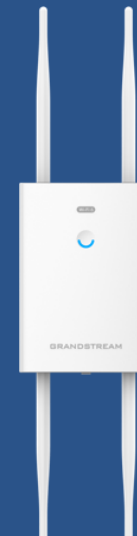
GWN7630LR



GWN7660LR



GWN7660ELR



GWN7664LR



GWN7664ELR

(WEATHERPROOF LONG-RANGE)

GWN SERIES

Dual-Band Wi-Fi Routers

Grandstream provides dual-band Wi-Fi routers powered with the latest technology and suitable for small offices, home offices, and remote workers with free cloud, on-premise and embedded management.



GWN7062

Wi-Fi 6 Dual-Band Router

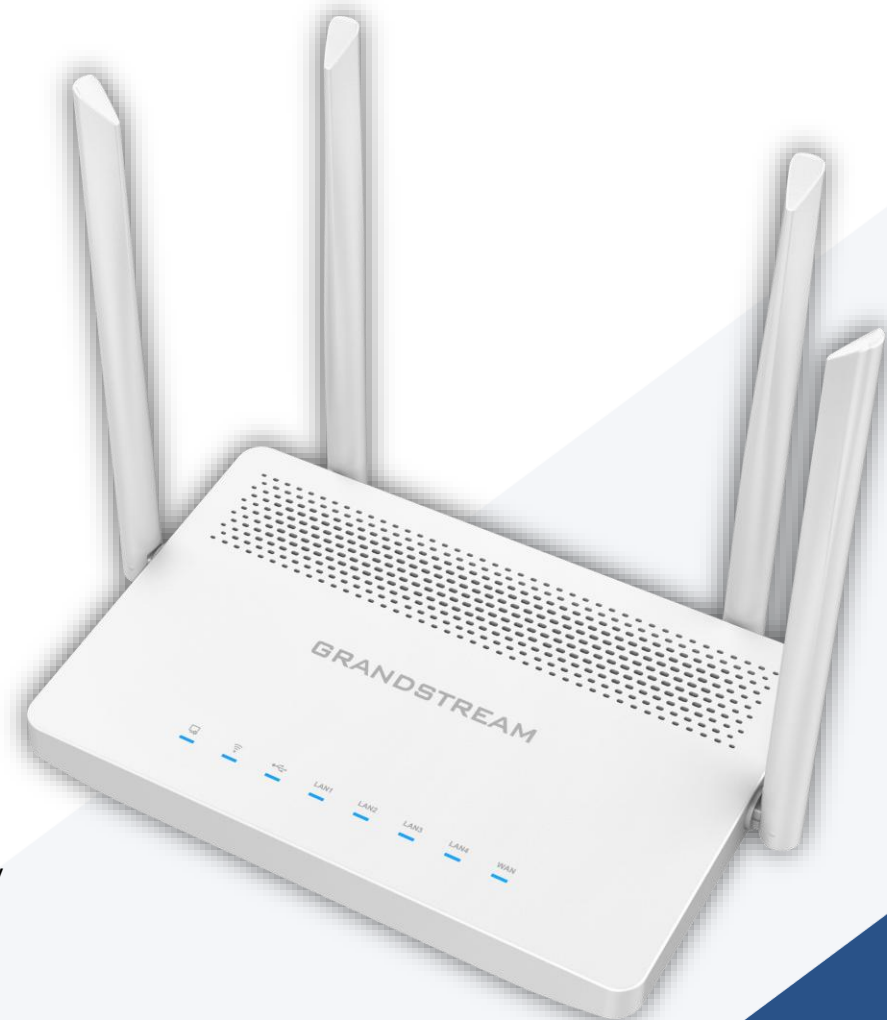
- Powered by Wi-Fi 6 (802.11ax) standard with up to 4 times increased data capacity
- Supports 256+ concurrent Wi-Fi client devices
- Dual-band 2x2:2 MU-MIMO with DL/UL OFDMA technology
- Up to 175-meter coverage range
- Provides Wi-Fi speeds of up to 1.8 Gbps for 64 devices
- Supports Mesh networking & wired AP connection to provide easy network expansion
- 64-bit, 1.2GHz quad-core processor
- Built-in VPN support



GWN7052

Dual-Band Wi-Fi Router

- Powered by Wi-Fi 6 (802.11ax) standard with up to 4 times increased data capacity
- Supports 100+ concurrent Wi-Fi client devices
- Dual-band 2x2:2 MU-MIMO technology
- 128MB RAM, 30K NAT sessions
- 1x Gigabit Ethernet WAN port and 4x Gigabit Ethernet LAN ports
- Provides Wi-Fi speeds of up to 1.26 Gbps for 100 devices
- Supports Mesh networking & wired AP connection to provide easy network expansion
- GWN7052 embedded controller can manage itself 30 GWN APs
- Built-in VPN support



GWN7052F

Dual-Band Wi-Fi Router

- Powered by Wi-Fi 6 (802.11ax) standard with up to 4 times increased data capacity
- Supports 100+ concurrent Wi-Fi client devices
- Dual-band 2x2:2 MU-MIMO technology
- 256MB RAM, 60K NAT sessions
- 1x Gigabit SFP WAN port, 1x Gigabit Ethernet port (WAN/LAN configurable), and 3x Gigabit Ethernet LAN ports
- Provides Wi-Fi speeds of up to 1.26 Gbps for 100 devices
- Supports Mesh networking & wired AP connection to provide easy network expansion
- GWN7052F embedded controller can manage itself and up to 50 GWN APs





Wi-Fi 6 Routers

GWN7062E and GWN7062ET



Powered by Wi-Fi 6,
provides 3Gbps speeds for
up to 128 concurrent
clients



Cloud provisioning and
management with
Grandstream's GDMS
Networking

VPN

Built-in VPN allows easy
access to private and
corporate networks



Supports Mesh
networking with
Grandstream APs and
Routers



GWN7062E: 3x Gigabit ports

GWN7062ET: 3x Gigabit
ports + 2 FXS ports

GWN7062E & GWN7062ET

Wi-Fi 6 Router Model Comparison



- 3 Gigabit ports
- 3 Gbps Wi-Fi Speeds
- 128 Concurrent clients
- 4 SSIDs
- Dual-band (2x2:2 on 2.4G, 3x3:2 on 5G)
- 5V/15W Power Supply (included)
- Desktop and Tabletop Mount



- 3 Gigabit ports
- 2 FXS Ports for Analog devices
- 3 Gbps Wi-Fi Speeds
- 128 Concurrent clients
- 4 SSIDs
- Dual-band (2x2:2 on 2.4G, 3x3:2 on 5G)
- 5V/15W Power Supply (included)
- Desktop and Tabletop Mount

NEW PRODUCT LINE

GWN SERIES

Wired Routers

Grandstream provides Multi-WAN Gigabit VPN routers with built-in firewalls ideal for a wide variety of deployments including small-to-medium businesses, retail, education, hospitality, healthcare, and more.



GWN7001

Multi-WAN Gigabit VPN Router

- 256MB RAM, 256MB Flash, 30K NAT Sessions
- 6x Gigabit Ethernet Ports, all ports support WAN/LAN
- Built-in VPN support allows easy access to corporate networks for remote employees
- Multiple WAN ports with load balancing and failover to maximize connection reliability
- Rich firewall features including DDNS, port forwarding, DMZ, UPnP, Anti-Dos, traffic rules, NAT and ALG
- Advanced QoS to ensure real-time performance of low-latency applications
- Embedded controller can manage itself and up to 100 GWN APs

NEW



GWN7002

Multi-WAN Gigabit VPN Router

- 256MB RAM, 256MB Flash, 30K NAT Sessions
- 2x Gigabit SFP Ports and 4x Gigabit Ethernet Ports, all ports support WAN/LAN
- Built-in VPN support allows easy access to corporate networks for remote employees
- Multiple WAN ports with load balancing and failover to maximize connection reliability
- Rich firewall features including DDNS, port forwarding, DMZ, UPnP, Anti-Dos, traffic rules, NAT and ALG
- Advanced QoS to ensure real-time performance of low-latency applications
- Embedded controller can manage itself and up to 100 GWN APs

NEW



GWN7003

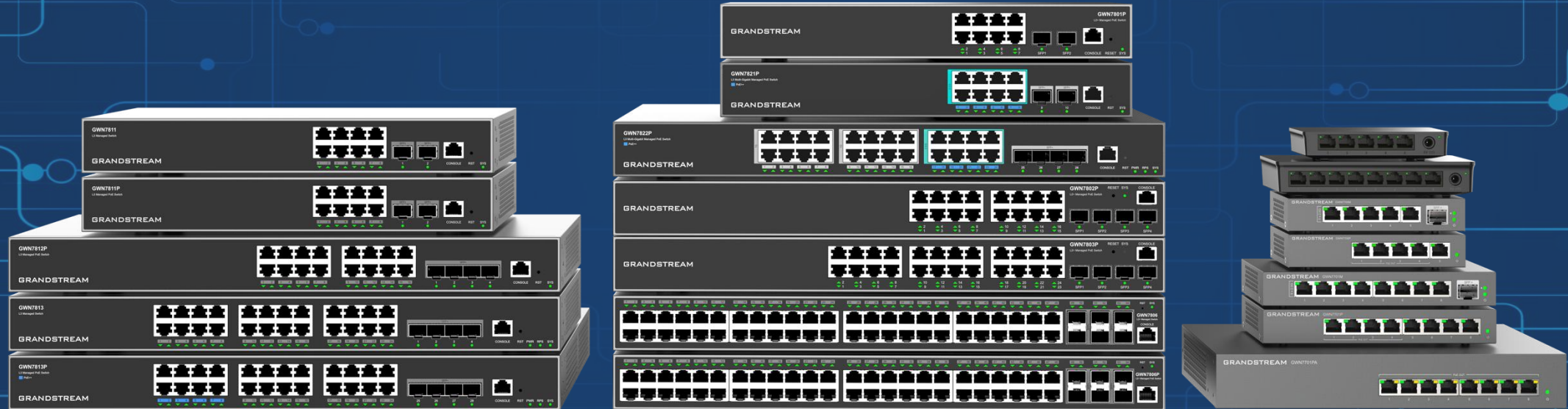
Multi-WAN Gigabit VPN Router

- 512MB RAM, 256MB Flash, 60K NAT Sessions
- 2x Gigabit SFP Ports and 9x Gigabit Ethernet Ports, all ports support WAN/LAN
- Built-in VPN support allows easy access to corporate networks for remote employees
- Multiple WAN ports with load balancing and failover to maximize connection reliability
- Rich firewall features including DDNS, port forwarding, DMZ, UPnP, Anti-Dos, traffic rules, NAT and ALG
- Advanced QoS to ensure real-time performance of low-latency applications
- Embedded controller can manage itself and up to 150 GWN APs

NEW



GWN Series Network Switches





GWN Series Network Switches

NEW!



**GWN7830
Series**

Layer 3
Aggregation
Managed
3 models



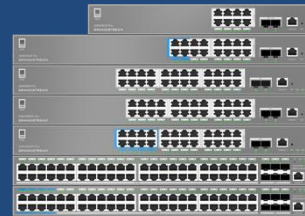
**GWN7820
Series**

Layer 3
Multi-Gigabit
Managed
2 models



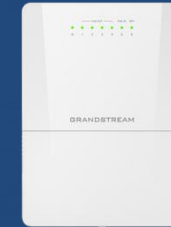
**GWN7810
Series**

Layer 3
Managed
7 models



**GWN7800
Pro Series**

Layer 2++
Managed
8 models



GWN7710R

Outdoor
Layer 2 Lite
Managed
1 model



**GWN7711 &
GWN7721
Series**

Layer 2 Lite
Managed
4 models



**GWN7700 &
GWN7700M
Series**

Unmanaged
12 models

CONNECT ENDPOINTS TO YOUR NETWORK

Build, Manage & Deploy Your Network with Grandstream



IP Phones



Wi-Fi APs & Routers



IP Cameras



All Other PoE Endpoints

**GWN7800 series supports all brands of devices*



NEW AND FEATURED GWN7800 Pro Series Layer 2++ Network Switches

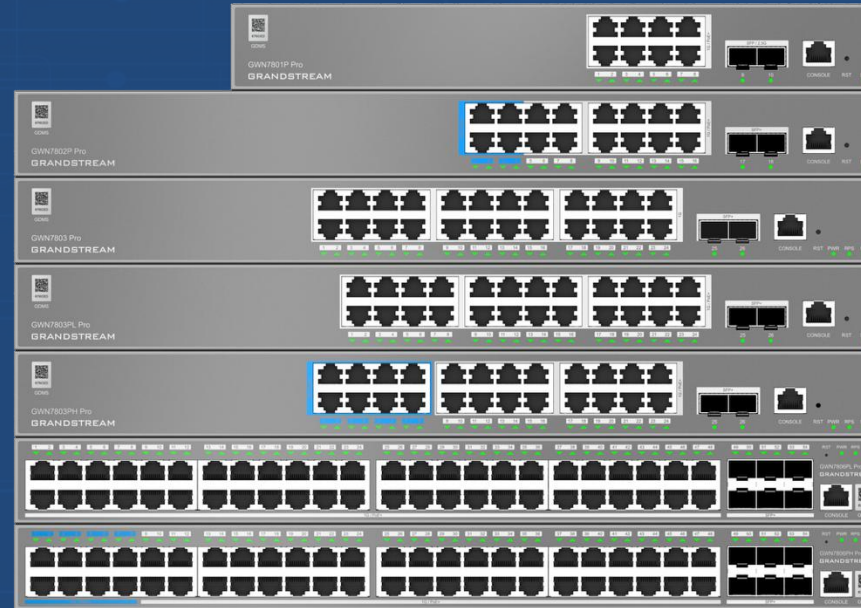


The next generation of Grandstream network switches is here. The GWN7800 Pro Series provides maximum layer 2++ performance, speeds, and capacity. The Series includes high-speed SFP and SFP+ ports while offering double the RAM and CPU of the GWN7800 Series, allowing it to support demanding business environments.



GWN7800 Pro Series

Layer 2++ Managed Network Switches



7 models
6 models with PoE
PoE++ available



8, 16, 24 or 48 Gigabit ports,
SFP or SFP+ ports on all
models



Managed via Web UI, CLI,
GDMS, GWN Manager, and
GWN Series Routers



Built-in QoS
& Advanced VLAN



Double the RAM and
CPU as the GWN7800
Series models

GWN7800 PRO SERIES LAYER 2++ NETWORK SWITCHES

Model Comparison



GWN7801P Pro

8 Gigabit ports
2 2.5Gbps SFP ports
26 Gbps Switching
8 PoE/PoE+ ports
128MB RAM
Single **1GHz CPU**

GWN7802P Pro

16 Gigabit ports
2 10Gbps SFP+ ports
72 Gbps Switching
16 PoE/PoE+/PoE++
256MB RAM
Single **1GHz CPU**

GWN7803 Pro

24 Gigabit ports
2 10Gbps SFP+ ports
88 Gbps Switching
No PoE ports
256MB RAM
Single **1GHz CPU**
1+1 External RPS

GWN7803PL Pro

24 Gigabit ports
2 10Gbps SFP+
88 Gbps Switching
24 PoE/PoE+ ports
256MB RAM
Single **1GHz CPU**

GWN7803PH Pro

24 Gigabit ports
2 10Gbps SFP+ ports
88 Gbps Switching
24 PoE/PoE+/PoE++
256MB RAM
Single **1GHz CPU**
1+1 External RPS

GWN7806PL Pro

48 Gigabit ports
6 10Gbps SFP+ ports
216 Gbps Switching
48 PoE/PoE+ ports
512MB RAM
Dual-core 1GHz CPU
1+1 External RPS
Stack up to 8 devices

GWN7806PH Pro

48 Gigabit ports
6 10Gbps SFP+ ports
216 Gbps Switching
48 PoE/PoE+/PoE++
512MB RAM
Dual-core 1GHz CPU
1+1 External RPS
Stack up to 8 devices

MANAGEMENT OPTIONS – MANAGED SWITCHES

GDMS



- ✓ **FREE**
- ✓ **AWS CLOUD PLATFORM**
- ✓ **MOBILE APP & WEB UI**
- ✓ **UNLIMITED DEVICES**
- ✓ **SECURE CLOUD PROVISIONING**

GWN.MANAGER



- ✓ **FREE**
- ✓ **SOFTWARE CLIENT**
- ✓ **LOCAL SERVER DEPLOYMENTS**
- ✓ **UP TO 3,000 DEVICES**

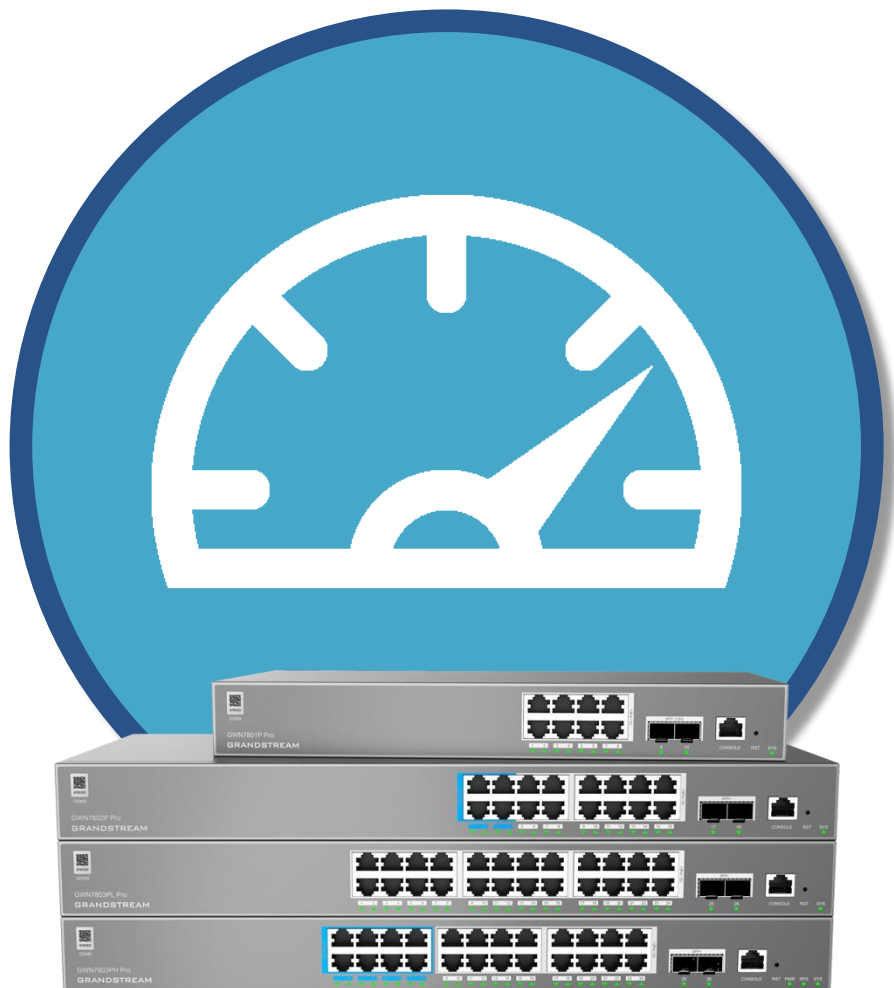
BUILT-IN CONTROLLER: GWN SWITCHES & ROUTERS



- ✓ **FREE**
- ✓ **EMBEDDED IN THE WEB UI OF ALL GWN SERIES NETWORK SWITCHES AND ROUTERS**
- ✓ **SWITCHES ALSO SUPPORTS COMMAND LINE INTERFACE (CLI)**

Enhanced Speeds, Capacity, and Performance

GWN7800 Pro Series Layer 2++ Switches



- **SFP or SFP+ ports provided on all models**
 - 6x SFP+ ports – both GWN7806 Pro models
 - 2 SFP+ ports – GWN7802P and all GWN7803 Pro models
 - 2x SFP ports – GWN7801P Pro
- **Double the RAM and CPU of the GWN7800 Series**
 - 128MB, 256MB, or 512MB RAM
 - Single or dual-core 1GHz MIPS InterActive CPU
- **Enhanced and expanded switching capacity**
 - 26 Gbps, 72 Gbps, 88 Gbps, or 216 Gbps switching capacity



ENHANCED RELIABILITY

GWN7800 Pro Series Layer 2++ Switches



- **1+1 External Redundant Power Supply (RPS)**
 - GWN7803 Pro, GWN7803PH Pro, both GWN7806 Pro models
- **Enhanced Reliability**
 - Fault detection, device protection, link aggregation, storm control, and more
- **Multiple Levels of Device Protection**
 - Overcurrent, overvoltage, overheat, and surge protections
- **Stacking Supported on GWN7806 Pro models**
 - Easily manage up to 8 switches in one interface while creating redundant backup between devices
- **Green Energy Efficiency**
 - Intelligent control of the integrated fan adjusts fan speeds based on environmental temperatures and provides precise temperature control and energy savings

PoE+ and PoE++

GWN7800 Pro Series Layer 2++ Switches



- All models provide PoE output except for GWN7803 Pro
- 8, 16, 24 or 48 ports
- PoE++ available on 16, 24, and 48 port models
- Supports dynamic PoE/PoE+/PoE++ power allocation per port
- Up to 60W per port
- 120W, 250W, 400W, and 720W total PoE output (depending on the model)



BUILT-IN QoS

GWN7800 Pro Series Layer 2++ Switches



- Port Priority
- Priority Mapping
- Queue scheduling including SP, WRR, WFQ, SP-WRR, & SP-WFQ
- Traffic shaping
- Rate limit
- 1.5k or 4K ACL for ethernet, IPv4, and IPv6
- Prioritization of voice, video and other latency sensitive packets



SECURITY PROTECTION & ENCRYPTION

GWN7800 Pro Series Layer 2++ Switches



- Packet filtering based on binding IP address, MAC address, VLAN and port
- 802.1X, RADIUS, AAA and TACACS+ authentications to provide authentication and authorization for LAN devices
- ARP Inspection protects against ARP spoofing
- IP Source Guard to prevent illegal address spoofing
- DoS Protection, including Land Attack, Smurf Attack, TCP SYN Attack, Ping Flooding and more.
- Supports port security to prevent MAC address attacks and control the network traffic of the port
- DHCP Snooping
- Static and dynamic MAC table with MAC table filtering





GWN7800 Pro Series Network Switches

Deployment Scenarios



Enterprises



Small-to-Medium Business



Hotels & Convention Centers



Schools & Universities



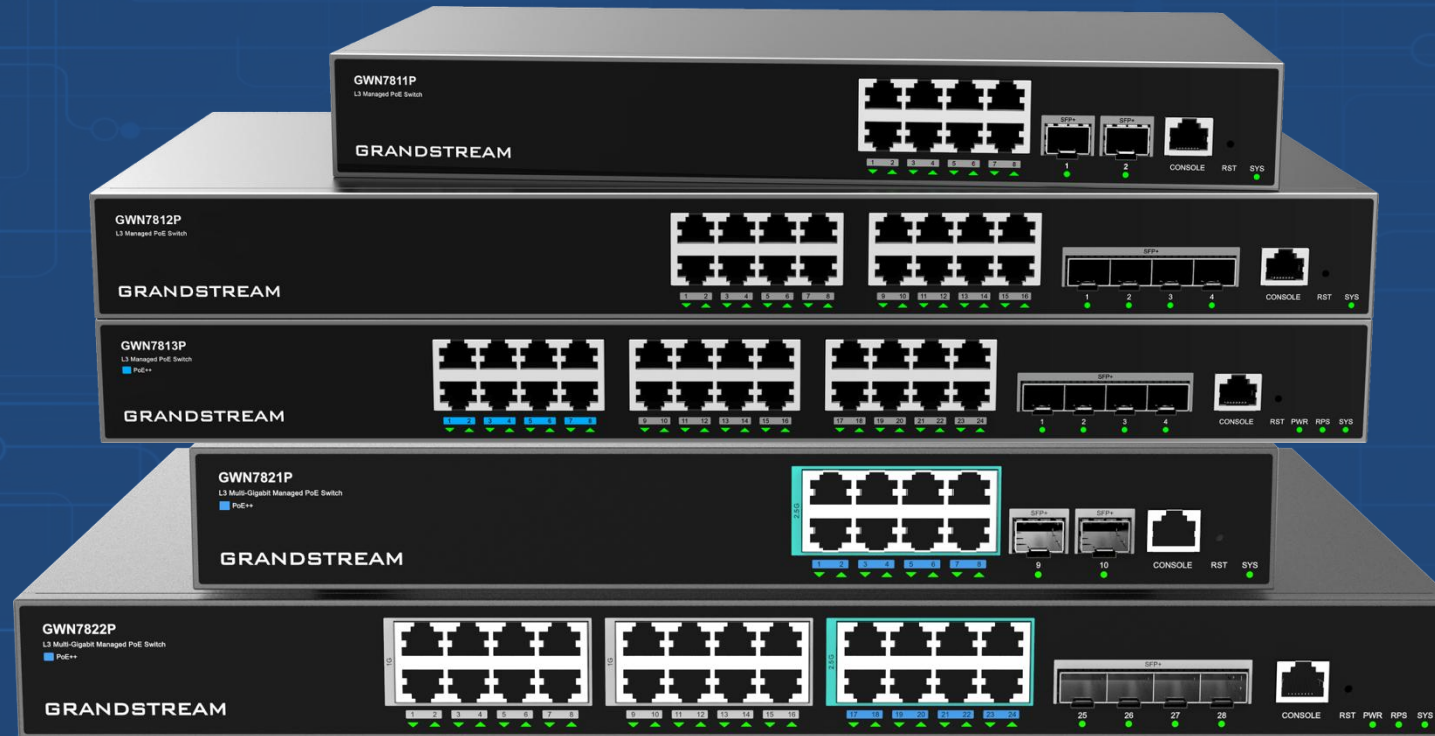
Healthcare



Call Centers



Layer 3 Network Switches





GWN7830 Series

Layer 3 Aggregation Managed Network Switches

GWN7830 – GWN7831 – GWN7832



3 models
2 or 4 Gigabit ports,
6 or 24 Gigabit SFP ports,
4 or 12x 10 Gbps SFP+ ports



Managed via local WebUI,
CLI, GDMS, GWN Manager,
and GWN Series Routers



Built-in QoS and VLAN
For advanced network
prioritization and
segmentation



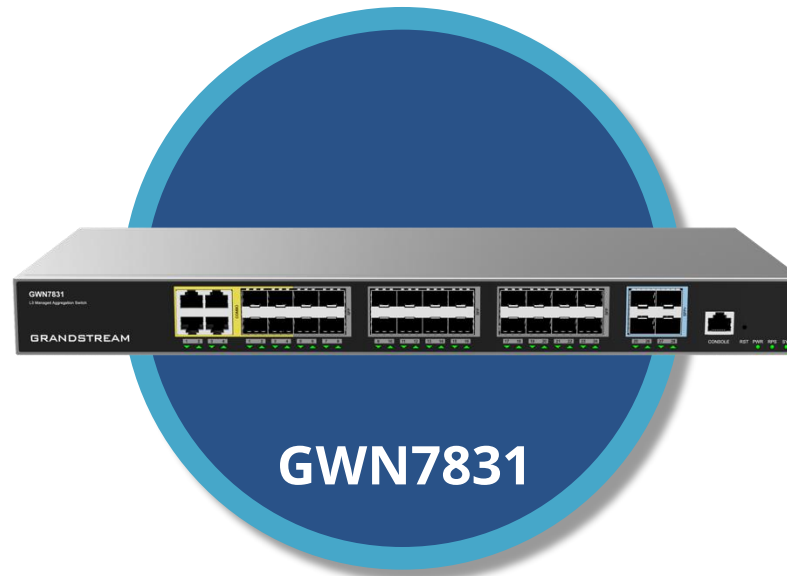
Supports 96 Gbps,
128 Gbps or 240 Gbps
switching capacity

GWN7830 SERIES LAYER 3 AGGREGATION SWITCHES

Network Switch Model Comparison



- 2 Gigabit ports
- 6 Gigabit SFP Ports
- 4 10-Gbps SFP+ ports
- 96 Gbps Switching
- 6 Link Aggregation Groups
- Metal Enclosure
- Desktop/Wall/Rack Mount



- 4 Gigabit ports
- 24 Gigabit SFP Ports
- 4 10-Gbps SFP+ ports
- 128 Gbps Switching
- 14 Link Aggregation Groups
- Metal Enclosure
- 2 Fans
- 12V/60W External RPS
- Desktop/Wall/Rack Mount



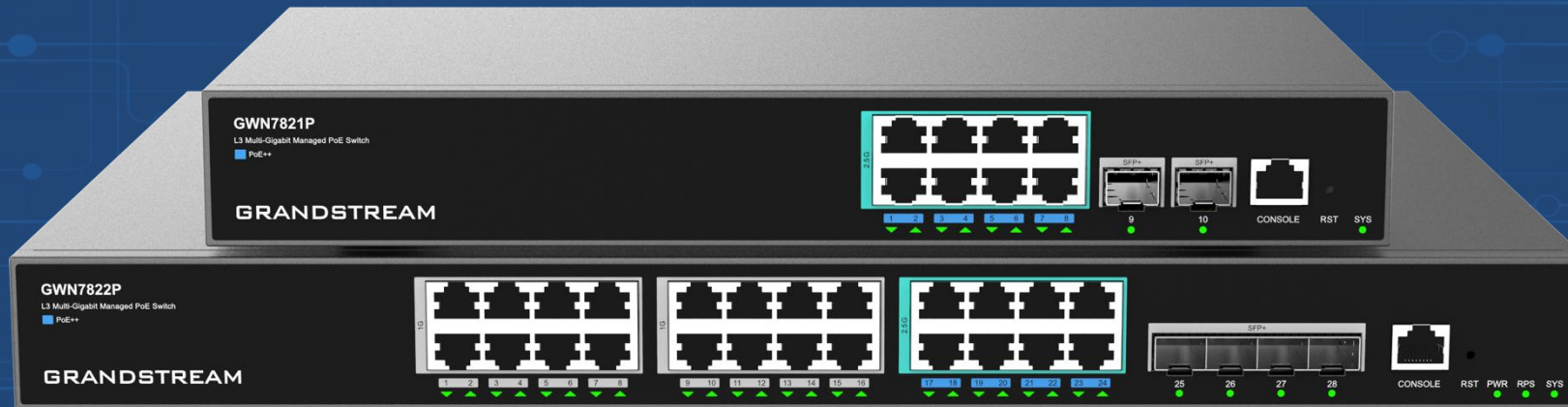
- 12 10-Gbps SFP+ ports
- 240 Gbps Switching
- 6 Link Aggregation Groups
- Metal Enclosure
- 2 Fans
- 12V/60W External RPS
- Desktop/Wall/Rack Mount



GWN7820 Series

Layer 3 Multi-Gigabit Managed Switches

GWN7821P – GWN7822P



2 models
8 or 24 Gigabit ports,
2 or 4 SFP+ ports



Managed via local WebUI,
CLI, GDMS, GWN Manager,
and GWN Series Routers



Built-in QoS and VLAN
For advanced network
prioritization and
segmentation



Supports
80 Gbps or 152 Gbps
switching capacity

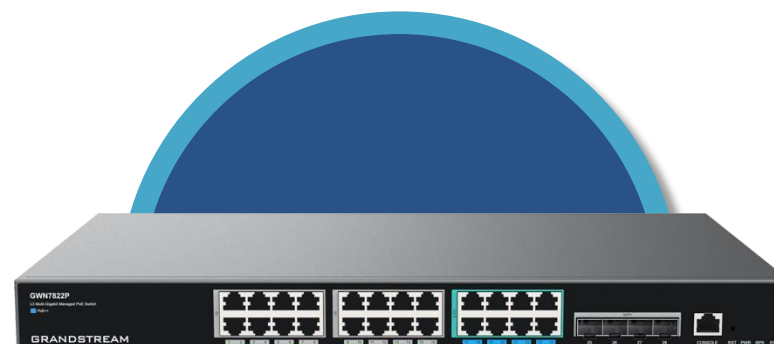
GWN7820 SERIES LAYER 3 MULTI-GIGABIT SWITCHES

Network Switch Model Comparison



GWN7821P

- 8x 2.5 Gigabit ports
- 2 SFP+ ports
- PoE on all ports
- Up to 60W per port
- 80 Gbps Switching
- 5 Link Aggregation Groups
- Metal Enclosure
- 2 Fans
- Desktop and Rack-Mount



GWN7822

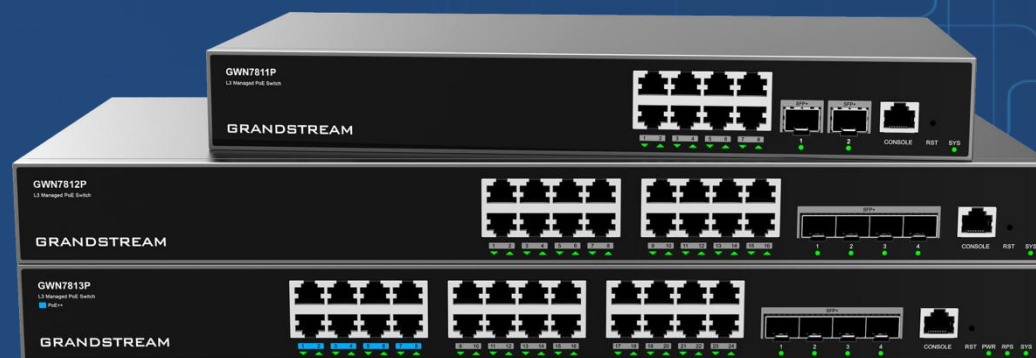
- 24x 2.5 Gigabit ports
- 24 Gigabit ports
- 16x gigabit + 8x 2.5G ports
- PoE on all ports
- 30W (1-16) or 60W (17-24)
- 152 Gbps Switching
- 54V/300W External RPS
- Metal Enclosure
- 2 Fans
- Desktop and Rack-Mount



GWN7810 Series

Layer 3 Managed Network Switches

GWN7811(P) – GWN7812P – GWN7813(P) – GWN7816(P)



7 models
4 models with PoE
3 models without PoE



8, 16, 24, or 48 Gigabit
ports, 2, 4, or 6x 10Gbps
SFP+ ports



Managed via local WebUI,
CLI, GDMS, GWN Manager,
and GWN Series Routers



Built-in QoS and VLAN
For advanced network
prioritization and
segmentation



Supports 56 Gbps,
112 Gbps, 128 Gbps, or
216 Gbps switching
capacity

GWN7810 SERIES LAYER 3 NETWORK SWITCHES

Model Comparison



GWN7811

8 Gigabit ports
2 10-Gbps SFP+ ports
56 Gbps Switching
5 Link Aggregation
Metal Enclosure
Desktop/Wall/Rack Mount

GWN7811P

8 Gigabit ports
2 10-Gbps SFP+ ports
8 PoE Ports
30W p/ port
56 Gbps Switching
5 Link Aggregation
Metal Enclosure
Desktop/Wall/Rack Mount

GWN7812P

16 Gigabit ports
2 10-Gbps SFP+ ports
16 PoE Ports
30W p/ port
112 Gbps Switching
10 Link Aggregation
Metal Enclosure
2 Fans
Desktop/Wall/Rack Mount

GWN7813

24 Gigabit ports
4 10-Gbps SFP+ ports
128 Gbps Switching
14 Link Aggregation
Metal Enclosure
Desktop/Wall/Rack Mount

GWN7813P

24 Gigabit ports
4 10-Gbps SFP+ ports
24 PoE Ports
60W p/ port (1-8)
30W p/ port (9-24)
128 Gbps Switching
14 Link Aggregation
Metal Enclosure
3 Fans
Desktop/Wall/Rack Mount

GWN7816

48 Gigabit ports
6 10-Gbps SFP+ ports
Hot-Swappable PSU
216 Gbps Switching
27 Link Aggregation
Metal Enclosure
4 Fans
Desktop/Rack Mount

GWN7816P

48 Gigabit ports
6 10-Gbps SFP+ ports
48 PoE Ports
Hot-Swappable PSU
60W p/ port (1-8)
30W p/ port (9-48)
216 Gbps Switching
27 Link Aggregation
Metal Enclosure
4 Fans
Desktop/Rack Mount

MANAGEMENT OPTIONS – MANAGED SWITCHES

GDMS



- ✓ **FREE**
- ✓ **AWS CLOUD PLATFORM**
- ✓ **MOBILE APP & WEB UI**
- ✓ **UNLIMITED DEVICES**
- ✓ **SECURE CLOUD PROVISIONING**

GWN.MANAGER



- ✓ **FREE**
- ✓ **SOFTWARE CLIENT**
- ✓ **LOCAL SERVER DEPLOYMENTS**
- ✓ **UP TO 3,000 DEVICES**

BUILT-IN CONTROLLER: GWN SWITCHES & ROUTERS



- ✓ **FREE**
- ✓ **EMBEDDED IN THE WEB UI OF ALL GWN SERIES NETWORK SWITCHES AND ROUTERS**
- ✓ **SWITCHES ALSO SUPPORTS COMMAND LINE INTERFACE (CLI)**

ENHANCED RELIABILITY

Layer 3 Network Switches



- **Enhanced Reliability**
 - Fault detection, device protection, dual boot-up, dual system file redundancy, link aggregation, storm control, and more
- **Multiple Levels of Device Protection**
 - Overcurrent, overvoltage, overheat, and surge protections
- **Stacking Supported on All Layer 3 Switches**
 - Easily manage up to 4 switches in one interface while creating redundant backup between devices
- **Green Energy Efficiency**
 - Intelligent control of the integrated fan adjusts fan speeds based on environmental temperatures and provides precise temperature control and energy savings
- **Hot-Swappable Power Supply – GWN7816(P)**
 - Provides uninterrupted operation and protection against device power supply failure by facilitating seamless failover
 - Grandstream's hot-swappable PSU is available for purchase
- **Redundant Power Supply – all layer 3 models except GWN7816(P)**
 - External redundant power module (optional) ensures stable and continuous operation with no interruptions

PoE

Available with GWN7810 and GWN7820 Series



- GWN7820 Series: 8 or 24 ports
 - Up to 60W per port
- GWN7810 Series: 8, 16, or 24 ports
 - Up to 30W per port
- Supports dynamic PoE/PoE+ power allocation per port
- IEEE 802.3af/at PoE standards
- Supports user-defined time periods to control the power supply of PoE port
- Priority settings
- Dynamic power negotiation via LLDP-MED



SECURITY PROTECTION & ENCRYPTION

Layer 3 Switches



- Static MAC table, dynamic MAC table to allow data transmission, and filter MAC table to avoid network attacks.
- Packet filtering based on binding IP address, MAC address, VLAN and port
- 802.1X, RADIUS, AAA and TACACS+ authentications to provide authentication and authorization for LAN devices
- ARP Inspection protects against ARP spoofing
- IP Source Guard to prevent illegal address spoofing
- DoS Protection, including Land Attack, Smurf Attack, TCP SYN Attack, Ping Flooding and more.
- Supports port security to prevent MAC address attacks and control the network traffic of the port
- DHCP Snooping
- Static & dynamic MAC table with filtering



SWITCHING CAPABILITY

Layer 3 Switches



- GWN7810 Series:
 - 28 Gbps (GWN7811 & GWN7811P)
 - 56 Gbps (GWN7812P)
 - 64 Gbps (GWN7813 & GWN7813P)
- GWN7820 Series:
 - 80 Gbps (GWN7821P)
 - 152 Gbps (GWN7822P)
- GWN7830 Series:
 - 96 Gbps (GWN7830)
 - 128 Gbps (GWN7831)
 - 240 Gbps (GWN7832)
- 16K static, dynamic and filtering and sticky MAC addresses
 - GWN7832: 32K MAC addresses
- 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN
- 32 VLAN virtual interfaces (GWN7816(P) and GWN7832)
- 16 VLAN virtual interfaces (all other models)
- 32 Link aggregation groups (all layer 3 switches)

BUILT-IN QoS

Layer 3 Switches



- Port Priority
- Priority Mapping
- Queue scheduling including SP, WRR, WFQ, SP-WRR, & SP-WFQ
- Traffic shaping
- Rate limit
- 2k ACL for ethernet, IPv4, and IPv6
- Prioritization of voice, video and other latency sensitive packets





GWN Series Layer 3 Switches

Deployment Scenarios



Enterprises



Medium and Large
Businesses



GWN7711 and GWN7721 Series Layer 2 Lite Managed Network Switches

GWN7711, GWN7711P, GWN7721, GWN7721P



4 or 8 PoE/PoE+
Output Ports, 30W p/ port
(available on GWN7711P
and GWN7721P)



8x Gigabit or 2.5 Gigabit
ports, GWN7721 Series
adds 2x 10 Gigabit SFP+
Ports



Cloud Management via Web
UI and GDMS



Built-in QoS
& Advanced VLAN



Supports IPv4
and IPv6

LAYER 2 LITE MANAGED SWITCHES

Network Switch Model Comparison



GWN7711

8 Gigabit ports
16 Gbps Switching
Plastic Enclosure
Desktop and Wall-Mount



GWN7711P

8 Gigabit ports
4 Gigabit PoE ports
(24V DC passive PoE out)
16 Gbps Switching
Metal Enclosure
Desktop and Wall-Mount



GWN7721

8 2.5 Gigabit Ethernet ports
2 10 Gigabit SFP+ Ports
80 Gbps Switching
Metal Enclosure
Desktop and Wall-Mount



GWN7721P

8 2.5 Gigabit Ethernet ports
All 2.5G Ports Provide PoE
2 10 Gigabit SFP+ Ports
80 Gbps Switching
Metal Enclosure
Rack, Desktop & Wall-Mount

MANAGEMENT OPTIONS – L2 LITE SWITCHES

GDMS



- ✓ **FREE**
- ✓ **AWS CLOUD PLATFORM**
- ✓ **MOBILE APP & WEB UI**
- ✓ **UNLIMITED DEVICES**
- ✓ **SECURE CLOUD PROVISIONING**

GWN.MANAGER



- ✓ **FREE**
- ✓ **SOFTWARE CLIENT**
- ✓ **LOCAL SERVER DEPLOYMENTS**
- ✓ **UP TO 3,000 DEVICES**

LOCAL WEB UI



- ✓ **FREE**
- ✓ **EMBEDDED IN WEB UI**
- ✓ **ALLOWS SWITCH TO MANAGE ITSELF**
- ✓ **ALSO SUPPORTS COMMAND LINE INTERFACE (CLI)**

PoE

GWN Series Layer 2 Lite Switches



- Available on GWN7711P and GWN7721P
- GWN7721P: 8 PoE/PoE+ output ports, 30W per port, 130W total PoE power
- GWN7711P: 4 PoE/PoE+ output ports, 30W per port, 24VDC Passive PoE mode, 60W total PoE power
- Supports dynamic PoE/PoE+ power allocation per port
- Real-time dynamic display and control of PoE power to detect anomalies in a timely manner



SWITCHING CAPABILITY

GWN Series Layer 2 Lite Switches



- **GWN7711 and GWN7711P**
 - 8K static, dynamic and filtering MAC addresses
 - 16GB switching capability
- **GWN7721 and GWN7721P**
 - 16K static, dynamic and filtering MAC addresses
 - 80GB switching capability



BUILT-IN QoS

GWN Series Layer 2 Lite Switches



- Port Priority
- Priority Mapping
- Queue scheduling including SP, WRR, and WFQ
- Rate limit
- Bandwidth control
- Storm Control
- prioritization of voice, video and other latency sensitive packets





GWN Series Layer 2 Lite Managed Switches

Deployment Scenarios



Enterprises



Small-to-Medium Business



Hotels & Convention Centers



Schools & Universities



Healthcare



High-End Residential



GWN7710R

Outdoor Layer 2 Lite Managed Switch

GWN7710R



5 Gigabit ports,
4 PoE Output Ports,
1 PoE Input Ports



PoE/PoE+ and/or 24V / 48V
DC Passive PoE output, Up
to 60W on Port 1, up to
30W on Ports 2-4



1x 2.5G SFP Port



IP66-rated as waterproof and
dustproof, Works in
temperatures from from
-40°C to 60°C

GWN7710R OUTDOOR LAYER 2 LITE MANAGED SWITCH



5 Gigabit ports
4 PoE Out Port
(PoE/PoE+ and/or 24V/48V)
1 PoE In Port
1 SFP Fiber Port
15 Gbps Switching Capacity
Pole or Wall Mounted
IP66 Waterproof Enclosure
Fan-less

PoE

GWN7710R Outdoor Layer 2 Lite Managed Switch



- PoE and PoE+
- Passive 24VDC or 48VDC output mode (configured via web UI)
- 4 output ports (1-4), 1 input port (5)
- Standard PoE Mode:
 - Port 1 – 4: up to 30W per PoE port
- Passive PoE Mode:
 - Port 1: 4-pair 48VDC up to 60W or 4-pair 24VDC up to 30W
 - Port 2 – 4: 2-pair 48VDC up to 30W, or 2-pair 24VDC up to 15W



IP-66 RATED

GWN7710R Outdoor Layer 2 Lite Managed Switch



- Designed for outdoor use, including areas where weather is a concern
- IP-66 rated waterproof and dustproof
- Supports temperatures from -40°C to 60°C



BUILT-IN QoS

GWN7710R Outdoor Layer 2 Lite Managed Switch



- Port Priority
- Priority Mapping
- Queue scheduling including SP, WRR, and WFQ
- Rate limit
- Bandwidth control
- Storm Control
- prioritization of voice, video and other latency sensitive packets





GWN7710R Outdoor Layer 2 Lite Switch

Deployment Scenarios



Wireless Internet
Service Providers



Surveillance / Security Solutions



Parks, Public Areas, and
Outdoor Campuses

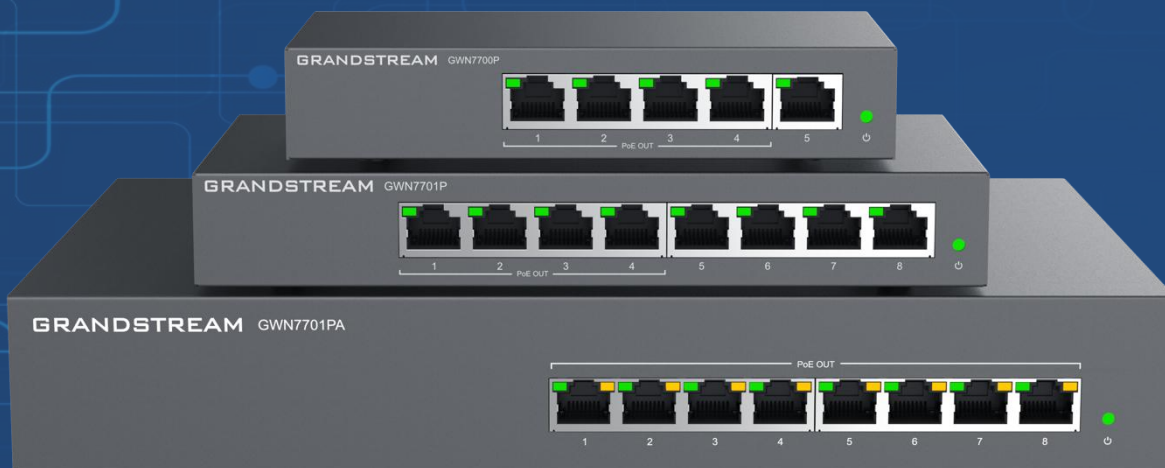


Unmanaged Network Switches





GWN7700 Series Unmanaged Network Switches



9 models
4 models with PoE
5 models without PoE



5 or 8 Gigabit ports,
4 or 8 Gigabit PoE ports
-Up to 30W p/port



LED Indicators:
Per port: link/activity/speed
Per device: power



Broadcast/multicast/
Unicast storm control
to monitor traffic levels



Auto MDI/MDIX
crossover on all ports

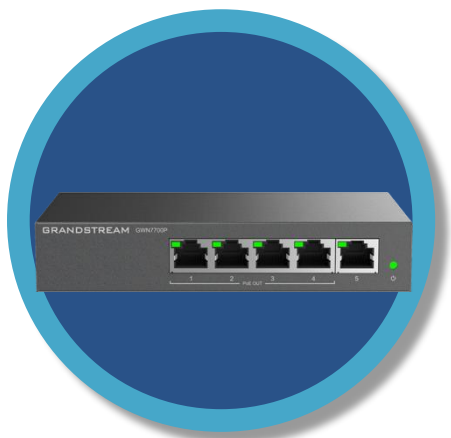
GWN7700 SERIES UNMANAGED NETWORK SWITCHES

Model Comparison



GWN7700

5 Gigabit ports
10 Gbps Switching
Plastic Enclosure
Desktop & Wall Mount



GWN7700P

5 Gigabit ports
4 PoE Ports
Up to 30W p/ port
10 Gbps Switching
Metal Enclosure
Desktop & Wall Mount



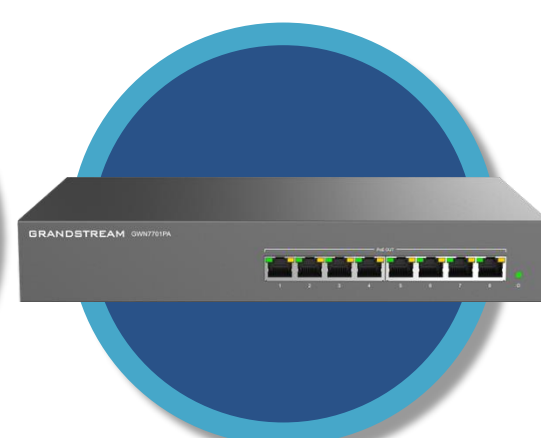
GWN7701

8 Gigabit ports
16 Gbps Switching
Plastic Enclosure
Desktop & Wall Mount



GWN7701P

8 Gigabit ports
4 PoE Ports
Up to 30W p/ port
16 Gbps Switching
Metal Enclosure
Desktop & Wall Mount

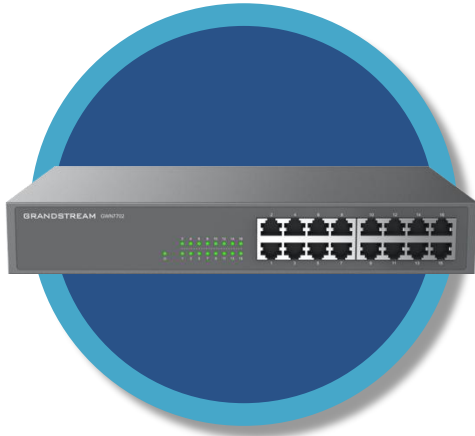


GWN7701PA

8 Gigabit ports
8 PoE Ports
Up to 30W p/ port
16 Gbps Switching
Metal Enclosure
Desktop, Wall, and
Rack Mount

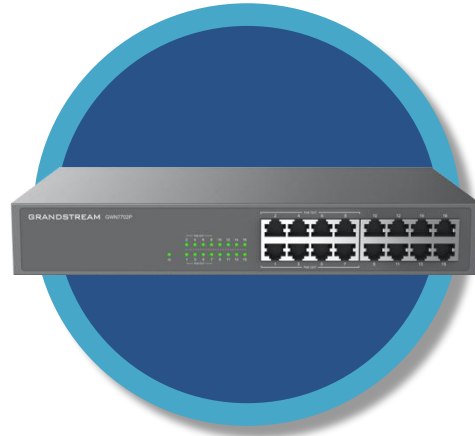
GWN7700 SERIES UNMANAGED NETWORK SWITCHES

Model Comparison



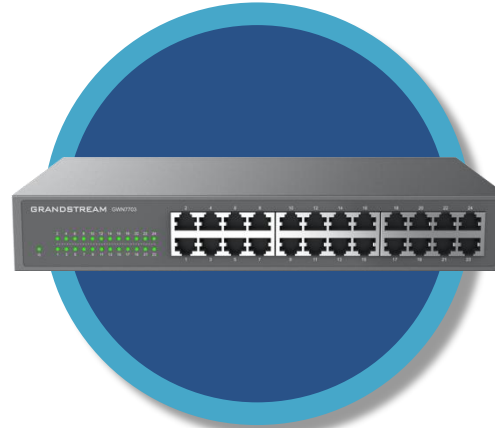
GWN7702

16 Gigabit ports
32 Gbps Switching
Metal Enclosure
Desktop & Wall Mount



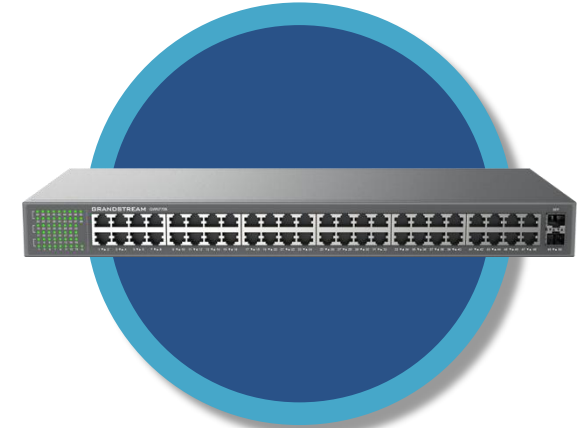
GWN7702P

16 Gigabit ports
8 PoE Ports
Up to 30W p/ port
32 Gbps Switching
Metal Enclosure
Desktop & Wall Mount



GWN7703

24 Gigabit ports
48 Gbps Switching
Metal Enclosure
Desktop & Wall Mount



GWN7706

48 Gigabit ports
100 Gbps Switching
Metal Enclosure
Rack, Desktop, & Wall Mount

PoE

GWN7700 Series Layer 2+ Switches



- Available on GWN7700P, GWN7701P, and GWN7701PA
- 4 or 8 ports
- Supports dynamic PoE/PoE+ power allocation per port
- Up to 30W per port
- Port priority setting





GWN7700 Series Unmanaged Switches

Deployment Scenarios



Small-to-Medium Businesses

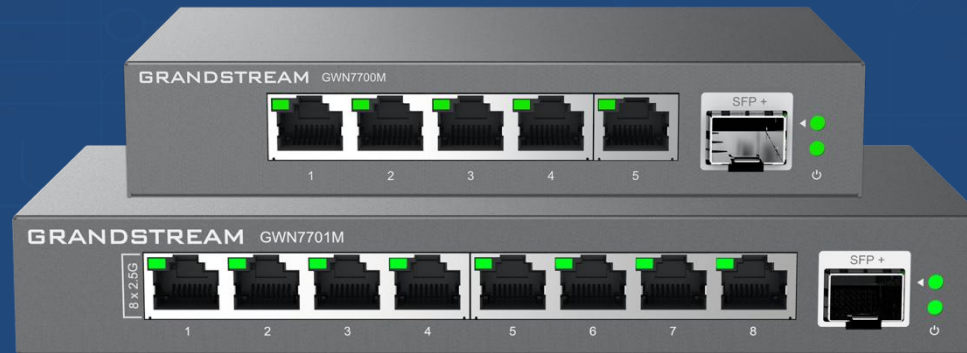


Home & Home Office



GWN7700M Series Unmanaged 2.5G Multi-Gigabit Switches

GWN7700M, GWN7700MP, and GWN7701M



**Gigabit
2.5**

5 or 8 Multi-Gigabit ports
for 100/1000/2500Mbps
connectivity;
4 PoE ports
(GWN7700MP)



1x SFP+ Fiber Port
With 1-Gig or 10-Gig
connectivity



LED Indicators:
Per port: link/activity
Per device: power



Broadcast/multicast/
Unicast storm control
to monitor traffic levels



Auto MDI/MDIX
crossover on all ports

GWN7700M SERIES UNMANAGED 2.5 MULTI-GIGABIT

Network Switch Model Comparison



GWN7700M

- 5x 2.5Gbps ports
- 1 SFP+ Fiber Port
- 45 Gbps Switching Capacity
- Desktop & Wall-Mount
- Metal Enclosure
- Fan-less



GWN7700MP

- 5x 2.5Gbps ports
- 4 PoE Ports
- 1 SFP+ Fiber Port
- 45 Gbps Switching Capacity
- Desktop & Wall-Mount
- Metal Enclosure
- Fan-less



GWN7701M

- 8x 2.5Gbps ports
- 1 SFP+ Fiber Port
- 60 Gbps Switching Capacity
- Desktop & Wall-Mount
- Metal Enclosure
- Fan-less



GWN7700M Series Unmanaged 2.5 Multi-Gig Switches

Deployment Scenarios



Small-to-Medium Businesses
*Especially those who rely on high-speeds
for HD video meetings, large file transfers,
streaming media, etc.*



Advanced Home Networks
*Home Automation, Smart Home,
Home Office, 4K video streaming,
4K gaming, etc.*

COMPLETE YOUR GRANDSTREAM SOLUTION



**GWN7800 series supports all brands of devices*



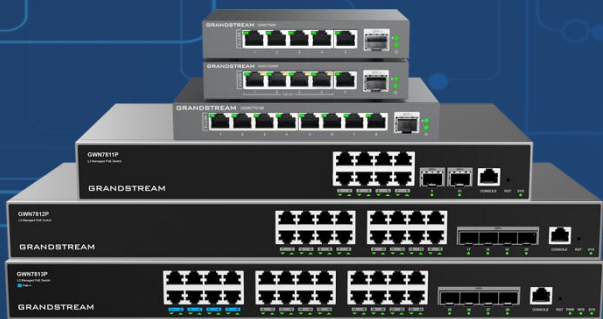
Manage all Grandstream products with one centralized platform

Visit gdms.cloud





GWN SERIES NETWORKING SOLUTIONS



Network Switches

- ✓ Unmanaged
- ✓ Unmanaged Multi-Gigabit
- ✓ Layer 2 Lite
- ✓ Layer 2 Lite Multi-Gigabit
- ✓ Layer 2++
- ✓ Layer 3
- ✓ Layer 3 Multi-Gigabit
- ✓ Aggregation



Wi-Fi APs

- ✓ Wi-Fi 7
- ✓ Wi-Fi 6
- ✓ Indoor
- ✓ Outdoor / Long-Range
- ✓ In-Wall



Routers

- ✓ Wired
- ✓ Wi-Fi 5
- ✓ Wi-Fi 6
- ✓ VPN



Network Management

- ✓ Free
- ✓ Cloud (GDMS)
- ✓ Software (GWN Manager)
- ✓ Built-in Controllers
- ✓ GWN App



3-Year Warranty

Standard on all GWN models



Free Management

GDMS, GWN Manager and embedded controllers



Secure Out-of-the-Box

Enterprise-grade security on all models



Easy Installation

Add new APs, routers & switches by scanning a barcode with the GWN App



Remote Management

Provides scalability and flexible management options



Advanced Features

Take advantage of Captive portals, Mesh, VPN, QoS and more



One-Stop-Shop

Grandstream offers everything needed to build wired and Wi-Fi networks



In-Stock and Available Now

Reliable and diversified supply chain

GCC Series

UC + Networking Convergence Solutions





GCC SERIES CONVERGENCE SOLUTIONS



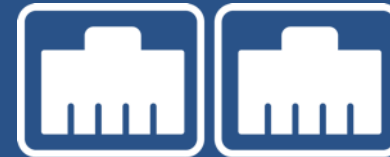
+



+



+



or



VPN Router

Next-Gen Firewall

IP PBX

Network Switch

Wi-Fi AP

GCC SERIES CONVERGENCE SOLUTIONS



Play now!



GCC6010 Series

Play now!



GCC6020 Series



VPN Router

+



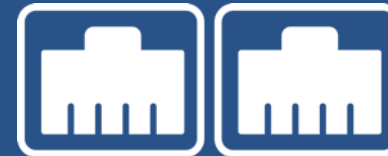
Next-Gen Firewall

+



IP PBX

+



Network Switch

or



Wi-Fi AP

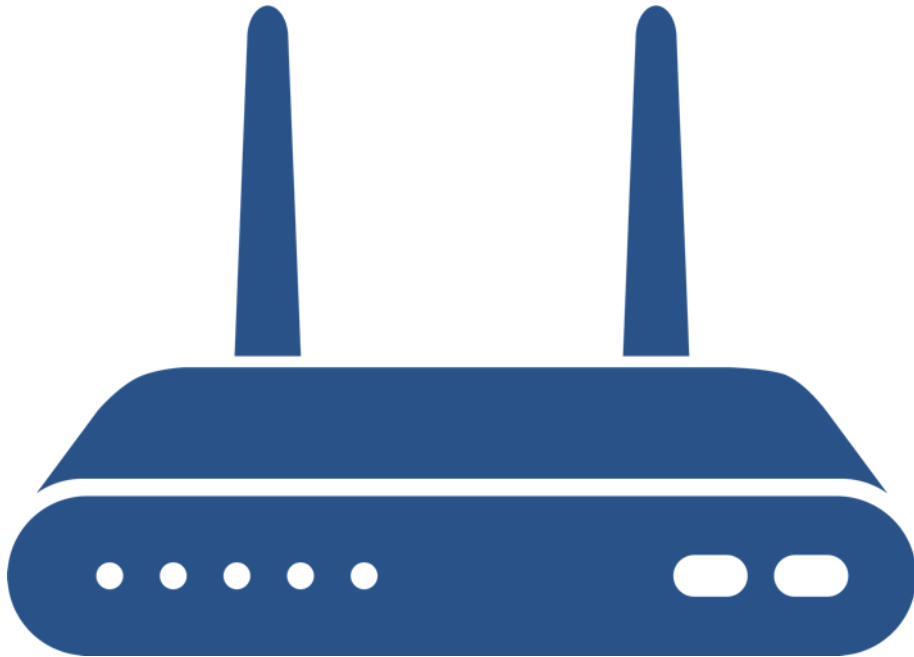


GCC6020 / GCC6010 Series Model Comparison

	 GCC6021	 GCC6020	 GCC6011	 GCC6010W	 GCC6010
Network Ports	4x 10 Gigabit SFP+ ports , 8x 2.5 Gigabit and 16x Gigabit Ethernet ports *WAN/LAN is configurable, max 5x WAN	1x 10 Gigabit SFP+ ports , 1x 2.5 Gigabit and 4x Gigabit Ethernet ports *All ports are WAN/LAN configurable, max 3x WAN	2x 2.5 Gigabit SFP ports and 10x Gigabit Ethernet ports *3x Fixed WAN	5x Gigabit Ethernet ports *All ports are WAN/LAN configurable, max 3x WAN	2x 2.5 Gigabit SFP port and 5x Gigabit Ethernet ports *All ports are WAN/LAN configurable, max 3x WAN
Routing Speed	10 Gbps	6.5 Gbps	2.5 Gbps	3 Gbps	2.5 Gbps
IPSEC VPN Speed	1.3 Gbps		1 Gbps		
IPS/IDS (Firewall)	9 Gbps	6 Gbps	900 Mbps		
Simultaneous NAT Sessions	320,000		160,000		
PBX	50 users and 16 concurrent calls by default, Up to 1000 users through upgrade purchase		12 users & 4 concurrent calls by default, Up to 200 users through upgrade purchase		
APs and Clients	300 GWN APs, 1000 clients	300 GWN APs, 500 clients	150 GWN APs, 500 clients		
Auxiliary Ports	1× Console, 1× USB 3.0, 2× HA, 1× MGMT	1× Console, 1× USB 3.0	1x Micro-SD, 1x USB 3.0, 1x Reset		
Memory	4GB DDR4+256MB DDR3 RAM, 32GB eMMC, 128MB NAND	4GB RAM, 32GB eMMC	2GB RAM, 32GB eMMC Flash		
External Storage	M.2 SSD		Optional, M.2 SSD	-	-
PoE Output	8 x PoE out ports with PoE/PoE/PoE++ support, 16 x PoE out ports with PoE/PoE+ support, Maximum PoE Wattage: 370W	5 x PoE out ports with PoE/PoE+ support, Maximum PoE Wattage: 120W	4 x PoE out ports with PoE/PoE+ support, Maximum PoE Wattage: 36W	-	4 x PoE out ports with PoE/PoE+ support, Maximum PoE Wattage: 36W
Wi-Fi Access Point	-	-	-	Dual-band Wi-Fi 6	
Mounting	Desktop and Rack-mountable	Desktop, Wall, and Rack-mountable	Desktop, Wall, and Rack-mountable	Desktop	Desktop, Wall-mountable
Material	Metal			Plastic Mini Tower	Metal
Power	Universal power adaptor included: Input 100-240VAC , 50-60Hz Output: 54VDC 7.8A (420W)	Universal power adaptor included: Input 100-240VAC , 50-60Hz Output: 54VDC 2.8A (150W)	Universal power adaptor included: Input 100-240VAC, 50-60Hz Output: 48VDC 1A (48W)	Universal power adaptor included: Input 100-240VAC, 50-60Hz Output: 12VDC 1.5A (18W)	Universal power adaptor included: Input 100-240VAC, 50-60Hz Output: 48VDC 1A (48W)
Dimensions	440 x 301.5 x 44mm	280 x 185.5 x 44mm	280 x 180 x 44 mm	95 x 95 x 193 mm	191 x 101 x 29 mm

VPN ROUTER

GCC6010 Series



- ✓ All GCC6010 Series models
- ✓ 2.5 Gbps or 3 Gbps routing capacity; 1 Gbps IPSec VPN
- ✓ Supports up to 150 GWN APs and 500 concurrent clients
- ✓ Load balancing, WAN link failover
- ✓ DHCP server, DNS Server, IGMP Proxy, TURN server
- ✓ Advanced VPN support
 - ✓ WireGuard: Secure Remote Access, Site to Site
 - ✓ OpenVPN®: Clients and Servers
 - ✓ PPTP: Clients and Servers
 - ✓ L2TP
 - ✓ IPSec: Site-to-Site, Client-to-Site
 - ✓ Remote Users management



NEXT-GEN FIREWALL

GCC6010 Series



- ✓ All GCC6010 Series models
- ✓ Industry renowned VB100 Grade A Anti-Malware certification
- ✓ IDS / IPS
- ✓ Advanced Threat and Attack Protection
 - ✓ Instant identification and immediate response to the most sophisticated attacks
 - ✓ Supports application/ protocol monitoring and traffic statistics with Deep Packet Inspection (DPI)
- ✓ AI-based DPI
- ✓ Enterprise-grade content filtering and application control
- ✓ Adaptive Intrusion Detection & Prevention
 - ✓ Signature-based scanning
 - ✓ Real-time SSL deep inspection
 - ✓ SSL blacklist & whitelist
 - ✓ GeoIP enforcement (FP2)



IP PBX

GCC6010 Series

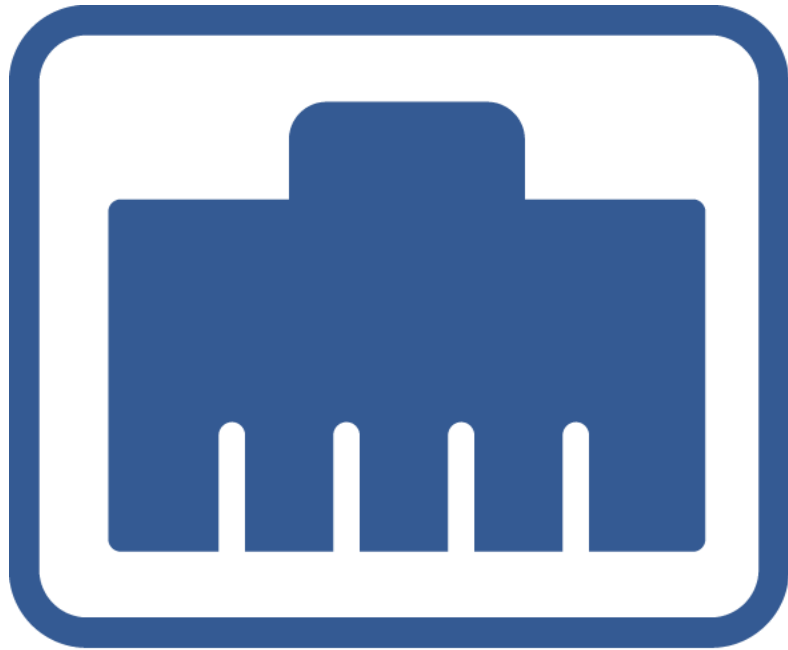


- ✓ All GCC6010 Series models
- ✓ Supports up to 12 users and 4 concurrent calls (by default)
 - ✓ Upgrades available for separate purchase that provide expansion up to 200 users or 24 concurrent calls
- ✓ Full voice and video communication and collaboration platforms
 - ✓ Calls, meetings, conferences, chat, instant message, file sharing, whiteboards, recording, and more
- ✓ Compatible with SIP endpoints and Wave for desktop, web, and mobile
- ✓ All UCM PBX features, including: call Forwarding, transfer, call park, Intercom/Paging, IVR, Emergency Calls, etc.
- ✓ PMS, Call Centers, CRMs
- ✓ Available API



NETWORK SWITCH

GCC6010 Series



- ✓ Available on GCC6010 and GCC6011
- ✓ GCC6010
 - ✓ 5x Gigabit Ethernet ports
 - ✓ 2x 2.5 Gigabit SFP Ports
 - ✓ All ports are WAN/LAN configurable
 - ✓ Maximum 3 WAN ports
 - ✓ Desktop and wall mountable
- ✓ GCC6011
 - ✓ 10x Gigabit Ethernet ports
 - ✓ 2x 2.5 Gigabit SFP Ports
 - ✓ 3 fixed WAN ports
 - ✓ Rack and desktop mountable



Wi-Fi 6 ACCESS POINT

GCC6010 Series



- ✓ Available on GCC6010W
- ✓ Dual-band Wi-Fi 6
- ✓ Supports up to 500 concurrent clients
- ✓ Wi-Fi security protection includes intrusion prevention and detection, anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificates, random default passwords, etc.
- ✓ Captive portals, virtual access points, and more
- ✓ GCC6010 router supports up to 150 GWN APs



BUILT-IN QoS

GCC6010 Series



- ✓ Built-in smart QoS to prioritize real-time traffic automatically, ensuring a smooth experience regardless of network traffic
- ✓ Significantly reduced latency in data transmissions for real-time audio/video applications by combining IP PBX and networking functions under one box and QoS
- ✓ Dual-band Wi-Fi 6
- ✓ Features include:
 - ✓ VLAN, ToS
 - ✓ Multiple traffic classes, filter by port, IP address, DSCP, and policing
 - ✓ App QoS
 - ✓ VoIP Prioritization



EASY TO DEPLOY & MANAGE

GCC6010 Series



- ✓ A secure central admin interface to manage a company's entire network from high-level network topology down to granular level
- ✓ Centralized solution for deployment and management of all Grandstream endpoint solutions
- ✓ 1-click "Fast Provisioning" of up to thousands of endpoints cuts deployment costs by up to 99%
- ✓ GDMS provides centralized and remote management
- ✓ Also manageable via local Web UI and GWN Manager
- ✓ Dynamic, real-time reporting and monitoring
- ✓ Built-in Diagnostic tools





TARGET MARKETS

GCC Series



Small-to-Medium
Business



Retail
Single Stores & Chains



Service
Providers

OPPORTUNITIES FOR EVERYONE IN THE CHANEL



UC/VoIP Partners and Service Providers:

Add Networking and Security Services

- ✓ Easily add networking & security solutions to your offering
- ✓ Build and manage them using the same device used to deliver UC/VoIP platforms
- ✓ Also sell all the networking endpoints



Networking Partners and Service Providers:

Add UC/VoIP and Security Services

- ✓ Easily add UC/VoIP and security solutions to your offering
- ✓ Build and manage them using the same device used to deliver networking solutions
- ✓ Also sell all the UC/VoIP endpoints



Already Deploying UC, Networking, and Security:

An All-in-One Deployment Solution

- ✓ Deploy all services with one device and manage them from one interface, rather than needing separate devices, platforms, and management processes.



A SEAMLESS END-USER EXPERIENCE

GCC Series



- ✓ Provides the ideal end-user experience
- ✓ Brings all communication, data, & security needs under one roof
- ✓ Easier and more affordable than ever for a business to build a secure, state-of-the-art communication platform
- ✓ Businesses no longer must purchase and maintain separate systems
- ✓ Lower cost of ownership than purchasing the 4 products separately
- ✓ One manufacturer and one system for all solutions
- ✓ Centrally and remotely setup and managed



Elliott's Nursery Case Study



The Solution

GWN7660LR and GWN7664LR

- **Coverage and Performance**

- 25 acres of land needed to be covered
- GWN7660LR and GWN7664LR are ideal choices for long coverage range

- **Concurrent Devices Supported**

- Many visitors and employees at the Nursery
- Network needed to support high usage and a large number of client devices
- GWN7660LR supports 256 devices and GWN7664LR supports 750 devices

- **Cloud Management**

- Cloud configuration and management of the access points was a mandatory feature
- Access points in the nursery were deployed using GWN.Cloud free-of-cost

Amrita Vishwa Vidyapeetham Wi-Fi & UC Case Study

The Solution

GWN7664, GWN Manager, UCM6302, GRP2601P, GRP2602P, GXP1628 & GXP1625



- **Coverage Range and Cost**

- GWN7664 is a very cost-effective solution offering high-end features
- GWN7664 having a 175m coverage range and the ability to support 750+ devices makes it an ideal deployment at a college campus

- **All-in-One Solution**

- Amrita wanted a company that can provide all the solutions that they were looking for
- Grandstream's IP PBX and IP Phones were deployed in addition to the Access Points to replace their outdated analog system

- **Cloud Management with GWN Manager**

- Cloud configuration and management of the access points was a mandatory feature
- Access points at the University were deployed using GWN Manager free-of-cost

OUR CUSTOMERS



IIST, Shibpur
आई आई ई एस टि, शिवपुर
Erstwhile B E College (Estd 1856)



ROYAL JAIPUR



Lakshmi Group Realty
Real Estate Developer, Kolkata



**Netaji Subhas
Medical College & Hospital**
Amhara, Bihta, Patna – 801 106, Bihar



आपका विश्वास ही हमारी पहचान



Deccan Education Society's



WE PROVIDE COMPLETE SOLUTIONS



Esteemed Customers

Enterprise



Education



Hospitality



Residential



Financial





THANK YOU

For Your Precious Time and Your Attention

THIS IS A CORPORATE WHAT'S APP ACCOUNT AND WE WILL SHARE THE UPCOMING NEWS ON THIS CHANNEL WHICH WILL MAKE US CONNECT MORE CLOSER AND PLEASE ADD US IN CONTACT LIST.



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