



**EMPOWERING
COMMUNICATION**

COMPANY PROFILE

Cohesive Technologies is a Global Telecom Solution Provider on VoIP and IP Platform As well a leading Integrator and Solution Provider with the Best Innovative IP Solutions which adds value to Customers through a combination of different high end technologies for a true Converged Solution.

Working with Technology Partners like **Cyberdata, Sangoma, Epygi, Grandstream, Milesight, Wi-Tek and Yeastar** helped us delivering state-of-the-art-technology Products to Premise and Cloud based requirements for various companies that span across multiple segments.



COHESIVE GLOBAL REACH



NEPAL



SINGAPORE



MALAYSIA



DUBAI



MALDIVES



PHILIPPINES



OMAN



SRILANKA



BHUTAN



BANGLADESH



MYANMAR



TUNISIA



INDIA

HEADQUARTER

Cohesive Technologies (P) Ltd.

CS-4, 5 & 6, 4th Floor, Ansal Plaza, Sector 3 Vaishali, Ghaziabad (U.P.) 201010

Email Id: info@cohstechnologies.com, **Web:** www.cohesiveglobal.com

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COHESIVE INDIA REACH



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AWARD WINNING HISTORY



SEGEMENT WE CATER & TECHNOLOGY PARTNERS



Enterprise



Education



Healthcare



Residential



Auto
& Transportation



Telecommunication



Financial



TOTAL SOLUTIONS



PRODUCT PORTFOLIO

Industrial/WiFi
& VoIP Phones



SIP Video
& Cordless Phones



ATAs
& Gateways



Asterisk Hardware
& Headset



UCM with
Video Conferencing



Business Conf.
& IPVideoTalk



Networking
Solutions



H.265+ SIP
Surveillance & PoE
NVRs



Continued...

PRODUCT PORTFOLIO

SIP Voice & Video Door Intercoms



SIP Paging & Accessories



Switchvox E- Series Appliances



Network Switches



Call Center Solutions



Carrier Grade, High End, Basic, Mid-Range & Business VoIP - SIP Phones for Switchvox & Asterisk Desktop Endpoint



carrier-grade IP phones – GRP2600 Series

NEWLY LAUNCH

					
Model	GRP2612(P/W)	GRP2613	GRP2614	GRP2615	GRP2616
LCD	2.4" Color LCD 320x240	2.8" Color LCD 320x240	Dual Color LCDs 320x240 (2.8" & 2.4")	4.3" Color LCD 480x272 4.3" Color LCD Extension Module	Dual Color LCDs (4.3" 480x272 & 2.4" 320x240)
Line/MP Keys	2 Line, 2 MP	3 Line, 3 MP	4 Line, 8 MP (2nd LCD)	10 Line, 40 MPK	6 Line, 48 MP (2nd LCD)
SIP Accounts	2	3	4	5	6
Opus	Yes (1 instance)	Yes (1 instance)	Yes (2 instance)	Yes (2 instance)	Yes
Power/PoE	Power & PoE	Power & PoE	Power & PoE	PSU & PoE	Power & PoE
Network-Speed	100M	Gigabit	Gigabit	Gigabit	Gigabit
Additional	AC Dual Band Wi-Fi	AC Dual Band Wi-Fi	Bluetooth (BT5), WiFi	Bluetooth (BT5), Wi-Fi	Bluetooth, Wi-Fi, USB
Unified Firmware	Yes (GRP Series)	Yes (GRP Series)	Yes (GRP Series)	Yes (GRP Series)	Yes (GRP Series)

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High End, Basic & Residential SIP Phones



GXP16xx Series

Basic IP Phone

SIP Account : 1/2/3, 2/3 lines,
8 BLF Keys, (Non-PoE/PoE)



WP820

WiFi Phone

Integrated
WiFi & Bluetooth,
HD Voice,
Security



GXP17xx Series

Mid-Range IP Phone

SIP Account : 3/4, 6/8 lines,
5-way conf., PoE, 4XML



GXP21xx Series

High End IP Phone

SIP Account : 3/4/6, 3/4/6/8/12 lines,
4/5/6-way conf., PoE, Bluetooth, Dual switched



Business VoIP Phones(D6x Series)

For Switchvox & Asterisk

Dual 10/100/1000 Mbps Gigabit network ports,
4 features keys, 2/6 lines appearance keys, 4.3 inch,
480 * 272 pixel Full-color LCD Display














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GXP1600 & GXP2100 Series IP Phones



													
Model	GXP1610	GXP1620/1625	GXP1628	GXP1630	GXP1760	GXP1780/1782	GXP2130v2	GXP2135	GXP2140	GXP2160	GXP2170		
LCD Screen (pixel)	132 x 48			132 x 64	200 x 80	200 x 80	320 x 240 (TFT color LCD)		480 x 272 (TFT color LCD)				
Lines (SIP Account)	1	2	2	6 line keys with 3 SIP accounts		8 line keys with 4 SIP accounts		3	8 line keys with 4 SIP accounts		4	6	12 line keys with 6 SIP accounts
Programmable Keys	3 (XML)				4 (XML)				5 (XML)				
Speed Dial/BLF	No		8	24 Virtual		32 Virtual		No	32 Virtual		No	24	48 Virtual
Voicemail LED	Yes, Access Key to Voicemail Box												
HD Audio	No	Handset with HD Audio, supports codec G.722 (wideband)											
Speaker	Yes	Yes, G.722 (Wideband) HD Audio, Full Duplex with Advanced Echo Cancellation (AEC)											
Headset Jack	RJ9 supporting EHS with Plantronics Headset												
Backlit LCD	No	Yes											
Extension Module	No								Up to 4 Modules	No	Up to 4 Modules		
Provisioning	HTTP, HTTPS, TFTP, TR-069, XML												
Network Ports	Dual 10/100Mbps		Dual Gigabit 10/100/1000Mbps		Dual 10/100Mbps (Dual Gigabit on GXP1785 only)			Dual Gigabit 10/100/1000Mbps					
Integrated PoE	No, except GXP1625			Yes									
Security	SIP/TLS, SRTP, AES-256, 802.1x												
Operating System	Linux Based												
Phonebook	500 contacts						2,000 contacts						
Conference	3			4						5			
Bluetooth	No						Yes						
USB	No				Yes								

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GXP1700 Series Mid-Range IP Phones



			
Model	GXP1760	GXP1760W	GXP1780/1782
Lines	6 Lines, 3 SIP Accounts	6 Lines, 3 SIP Accounts	8 Lines, 4 SIP Accounts
Conferencing	5-Way	5-Way	5-Way
Phonebook Size	2000	2000	2000
Soft Keys	4 XML Programmable Keys	4 XML Programmable Keys	4 XML Programmable Keys
Display	200 x 80 Pixel Back-Lit LCD	200 x 80 Pixel Back-Lit LCD	200 x 80 Pixel Back-Lit LCD
BLF/Fast-Dial Keys	24 Virtual Programmable Keys	24 Virtual Programmable Keys	32 Virtual Programmable Keys
HD Audio	Yes	Yes	Yes
Auxiliary Ports	USB, RJ9, EHS	USB, RJ9, EHS	USB, RJ9, EHS
POE	Yes	Yes	Yes
Network Ports	Two 10/100 Network Ports	Two 10/100 Network Ports	GXP1780 - Two 10/100 Ports GXP1782 - Two 10/100/1000 Gigabit Ports
Integrated WiFi	No	Yes	No
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
Security	MD5, MD5-Sess, 256-bit AES, SRTP, TLS, 802.1x	MD5, MD5-Sess, 256-bit AES, SRTP, TLS, 802.1x	MD5, MD5-Sess, 256-bit AES, SRTP, TLS, 802.1x
Provisioning	HTTP, HTTPS, TFTP, TR-069, XML	HTTP, HTTPS, TFTP, TR-069, XML	HTTP, HTTPS, TFTP, TR-069, XML
Power Supply Included	Yes	Yes	Yes

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Digium A-Series IP Phones for Asterisk



	A20 Entry-level	A22 Entry-level, gigabit	A25 Mid-level, gigabit	A30 Executive-level, gigabit
Line Registrations	2	2	4	6
Feature Keys	1	1	5	7
Rapid Dial/ Busy Lamp Field Keys	Up to 1 key 1 contact	Up to 1 key 1 contact	6 keys 30 contacts	10 keys 45 contacts
Ethernet LAN and PC Port	10/100BASE-T	10/100/1000BASE-T	10/100/1000BASE-T	10/100/1000BASE-T
Display	2.8-inch, color	2.8-inch, color	Main: 2.8-inch, color BLF: 2.4-inch, color	4.3-inch, color
Power over Ethernet (PoE)	■	■	■	■
Electronic Hookswitch Support	■	■	■	■

Overview

- ✓ The A-Series IP phones are Digium's best value for budget-minded Asterisk users. They are an affordable desk phone option with high quality components and a streamlined feature set. The A-Series IP phones are easy to use and provide the necessary tools to complete your Asterisk-based phone system.

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Digium D-Series IP Phones for Switchvox



	D60 Entry-level	D62 Entry-level, Gigabit	D65 Mid-level	D80 Executive-level
Line Registrations	2	2	6	1
Feature Keys	4	4	4	Touchscreen
Rapid Dial/ Busy Lamp Field Keys	Up to 1 key 1 contact	Up to 1 key 1 contact	Up to 5 keys 100 contacts	Up to 20 on-screen, scrolling to 100 contacts
Ethernet LAN and PC Port	10/100Base-T	10/100/1000Base-T	10/100/1000Base-T	10/100/1000Base-T
Built-in Bluetooth	No	No	■	■
Main Display	4.3 inch, color	4.3 inch, color	4.3 inch, color	High-definition 7.0 inch, color, capacitive touch
Power over Ethernet (PoE)	■	■	■	■
Advanced Phone Applications	■	■	■	■

Overview

- ✓ Digium D-Series IP phones offer the tightest integration and easiest provisioning with Asterisk. Each model features plug-and-play deployment and native apps, such as Visual Voicemail, contacts directory, parking, call recordings, call queues, and more, to provide an unparalleled user experience from installation to everyday use. You can build custom applications with a simple JavaScript API to tailor your phones and Asterisk system to your specific business processes. The D-Series family of IP phones features four models, including the D80, a completely touch-driven IP business phone for users who want an exceptional experience with the highest level of quality.

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Industrial VoIP Phones



SIP Heavy Duty Emergency Keypad Call Station Industrial Phone

- ✓ PoE, Doubles as a paging speaker
- ✓ Corrosion protected and powder coated steel faceplate
- ✓ Hands free operation
- ✓ Push to call and emergency call buttons
- ✓ Surge arrestor to prevent voltage spike damage
- ✓ Easy support drill guides for top and bottom mount glands



SIP Armored Steel Ringdown Phone Industrial Phone

- ✓ PoE, Corrosion protected and powder coated
- ✓ Heavy duty G Type industrial handset
- ✓ Vandal resistant armored handset cord with lanyard
- ✓ Magnetic reed hook switch to reduce parts subject to wear
- ✓ Surge arrestor to prevent voltage spike damage
- ✓ Hearing aid compatible and receiver volume adjustment



SIP Vandal Resistant Keypad Phone Industrial Phone

- ✓ PoE, Corrosion protected and powder coated
- ✓ Heavy duty G Type industrial handset
- ✓ Spring loaded door
- ✓ Vandal resistant armored handset cord with lanyard
- ✓ Magnetic reed hook switch to reduce parts subject to wear
- ✓ Surge arrestor to prevent voltage spike damage



SIP Vandal Resistant Keypad Phone Industrial Phone

- ✓ PoE 802.3af enabled (Power-over-Ethernet)
- ✓ Water/dust-tight thermoplastic resin enclosure, Type 4X & IP66
- ✓ Waterproof connections and stainless steel fittings for longer life
- ✓ Corrosion protected and powder coated steel faceplate
- ✓ Heavy duty G Type industrial handset
- ✓ Spring loaded door



**Cohesive Outdoor SIP
Industrial Phone Decibel
(CIP-30)**
Industrial Phone



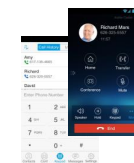
**Cohesive Outdoor
SIP Industrial
Phone Decibel
with Horn Speaker
(CIP(H)-30)**
Industrial Phone



**Cohesive Outdoor
SIP Industrial
Phone Decibel
with Horn Speaker
(Emergency Light)**
Industrial Phone

SIP – Video/Cordless Phones For Android & Touchscreen phone for specially for Asterisk

Video & Touchscreen IP
Phones



IP Video Phones/Cordless Phone/Softphone App



GXV3350

Android Video IP Phone
LCD Screen : 5 inch touchscreen
Android 7
SIP Account : 16
Wi-Fi PoE, Bluetooth,
USB, HDMI



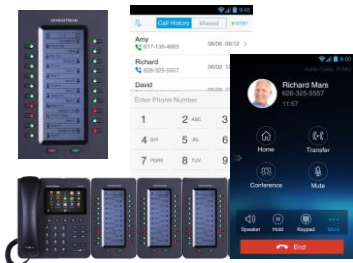
DP750/760/DP720 Dect Cordless IP Phone

Up to 10 SIP accounts per system, up to 5 DP720 handsets per base station, 3-way conf., full HD audio, 300m/50m range outdoors/indoors



D80 Touchscreen IP Phone VoIP Business phones for Asterisk

Dual 10/100/1000 Mbps Gigabit Network Ports, HD 7inch, color, Touchscreen, capacitive, PoE, built-in-bluetooth



GXP2200EXT/ Grandstream wave Expansion Module/ Softphone Application For Android™ and iOS

GXP2200EXT

- ✓ Used with the GXP2140 and GXV3240
- ✓ 2 arrow keys for page switching
- ✓ Up to 4 units per phone, 160 total extensions
- ✓ Large LCD with bi-colored LED
- ✓ Powered by host phone

Softphone App

- ✓ Requires Android 4.0+, and iOS 7.0+ , Supports 6 SIP accounts, 6-way audio conferencing, Features include call transfer, LDAP phonebook, virtual BLF keys and more, Native integration with mobile devices including contacts, call history, and ringtones, Available for Android and iOS

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GXV3350 Android Video IP Phone

Newly Launch



GXV3350

Android Video IP Phone

- 16 lines with up to 16 SIP accounts
- Built-in 1 mega-pixel CMOS tiltable camera for video calling with privacy wheel
- Runs on the Android 7.0 operating system
- Built-in Bluetooth for syncing with mobile devices and connecting Bluetooth headsets
- Dual-switched auto-sensing 10/100/1000Mbps network ports
- Integrated dualband Wi-Fi (2.4GHz & 5GHz)
- Built-in PoE/PoE+ for power and network connections
- Dual-mic HD speakerphone with noise reduction, advanced echo cancellation & excellent doubletalk performance
- 4-core 1.3GHz ARM Cortex A53 processor with 2GB RAM and 8GB eMMC Flash
- 5.0" (1280×720) capacitive 5-point touch screen HD TFT LCD
- Peripherals include HDMI-out, USB, headset jack, EHS
- 6-way audio conferencing & 3-way 720p 30fps HD video conferencing capability

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NEWLY LAUNCH

GXV3370

Video Phone



**New Android Video Phone
with large IPS touch screen**

GXV3370 Android Video IP Phone



GXV3370

Android Video IP Phone

- 16 lines with up to 16 SIP accounts
- Built-in mega-pixel camera for video calling with privacy shutter
- Runs on Android 7.0 operating system
- Built-in Bluetooth for syncing with mobile devices and connecting Bluetooth headset
- Dual-switched auto-sensing 10/100/1000Mbps network ports
- Integrated dual-band WiFi (2.4GHz & 5GHz)
- Built-in PoE/PoE+ to power the device and give it a network connection
- Speakerphone with HD acoustic chamber, advanced echo cancellation & excellent double-talk performance
- 4-core 1.3GHz ARM Cortex A53 processor with 2GB RAM and 8GB eMMC Flash
- 7" (1024×600) capacitive 5-point touch screen TFT LCD
- TLS and SRTP security encryption technology to protect calls and accounts
- 7-way audio conferencing & 3-way 720p 30fps HD video conferencing capability

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Newly Launch

GXV3380

Video Phone for Android



GXV3380 IP Video Phone

GXV3380 Android Video IP Phone

Newly Launch



GXV3380

Android Video IP Phone

- The GXV3380 IP Video Phone for Android combines a 16-line IP video phone with a multi-platform video collaboration solution and the functionality of an Android tablet to offer an all-in-one communications solution.
- This IP video phone delivers a powerful experience through its' 8 inch 1280x800 capacitive touch screen
- 2megapixel camera, HDMI in/out for content sharing, dual microphones and support for 1080p HD video. The
- GXV3380 adds dual Gigabit ports with PoE/PoE+, integrated Wi-Fi (802.11ac) and Bluetooth support. It also runs
- Android 7.x and offers instant access to hundreds of thousands of Android apps. By combining a state-of-the-art
- IP video phone, an advanced video collaboration solution, and the functionality of an Android tablet, the GXV3380
- offers businesses throughout the world a powerful desktop communication and productivity solution.

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Newly Launch

GBX20 Extension Module



- 4.3 inch (272x480) TFT color LCD
- 20 per page (each module contains 2 pages, for up to 40 lines per module)
- Combine up 4 daisy-chained modules for 160 contacts/extensions
- BLF, call park /pick-up, speed-dial, presence, intercom, voice conferencing transfer/forward and more

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NEWLY LAUNCH

DP730/722/752

Dect Cordless IP Phones



DP730



DP722



DP752



- Integrates digital PSTN and ISDN trunks with VoIP networks
- 1, 2 or 4 E1/T1/J1 spans
- 30, 60 or 120 concurrent calls
- Supports PRI, SS7 and MFC R2 digital signaling
- Supports all popular voice codecs, including Opus, G.722, G.729, GSM-FR and more
- Dual gigabit ports, configurable NAT router
- 2 USB ports, SD card slot (extra memory)
- Multi-language voice prompts

NEWLY LAUNCH

GXW4500 Series

E1/T1/J1 Digital VoIP Gateways

Newly Launch

GSC3510

**SIP Intercom Speaker/
Microphone**



**SIP Intercom Speaker/
Microphone**

Newly Launch

GSC3510

SIP Intercom Speaker/ Microphone



- **Speaker** - 8W high fidelity speaker with AEC
- **Mic** - 3 directional microphones with multichannel microphone array design, beam forming, and up to 4.2m voice pickup distance
- Integrated dual-band WiFi
- Bluetooth support
- 1 10/100Mbps network port with PoE
- Full band audio (Opus, G.722 etc.)
- Advanced acoustic echo cancellation for full duplex 2-way audio

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Newly Launch

GSC3505

**SIP Intercom Speaker/
Microphone**



**1-Way Public Address SIP
Speaker**

SIP Intercom Speaker/Microphone

Newly Launch

GSC3505

1-Way Public Address SIP Speaker



Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+
Bluetooth	Yes, Integrated. Bluetooth 4.0 + EDR
WiFi	Yes, Dual-band 2.4 & 5GHz with 802.11 a/b/g/n, WMM
HD Audio	Yes, HD speaker with support for full-band audio
Security	User and administrator level passwords, MD5 and MD5-sess based authentication
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Voice Codecs	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

Competitive Features

Speaker with HD acoustic chamber • Features SIP paging, multicast paging, call-waiting with priority override • Full-band and wide-band audio codec support • Integrated dual-band 802.11 a/b/g/n WiFi • Integrated Bluetooth support One 10/100 Mbps network port with PoE/PoE+ • Web-UI access for control and configurations

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ATAs & Enterprise Analog ISDN & GSM Gateways (BRI & PRI)

Enterprise Gateways



Networking Solutions/Gateways & ATAs



GXW4008
Analog VoIP Gateway



GWX4100 Series
Analog VoIP Gateway



GXW4200 Series
Analog VoIP Gateway



HT801/802/812/813/814/818
Analog Telephone Adapters

Features

- ✓ 8 ports
- ✓ Multiple SIP profiles
- ✓ Auto provisioning
- ✓ Telephony features include 3-way conference, hold, transfer and hunt group

- ✓ 4 or 8 ports
- ✓ 2 10/100 Mbps network ports
- ✓ Comprehensive codec support, caller ID, flexible dial plans and security protection
- ✓ Advanced security protection with SRTP


- ✓ High density 16/24/32/48 port models
- ✓ Multiple SIP profiles
- ✓ Auto provisioning
- ✓ Gigabit network port
- ✓ Rack mountable

- ✓ In HT813 1 FXO & 1 FXS port
- ✓ 1/2/2/4/8 Lines
- ✓ 1/2/2/4/8 FXS Ports
- ✓ 3-Way Conf.
- ✓ Integrated NAT Router
- No/No/Yes/Yes/Yes

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Product Name	FXS Ports	FXO Ports	ISDN Ports	E1/T1 Ports
QXFX04 Gateway  <ul style="list-style-type: none"> ▪ Ethernet RJ-45 - 2 ▪ IP to PSTN Calls (max) - 4 	—	4	—	—
QXISDN4 Gateway  <ul style="list-style-type: none"> ▪ Ethernet RJ-45 - 2 ▪ IP to PSTN Calls (max) - 8 	—	—	4	—
QXE1T1 Gateway  <ul style="list-style-type: none"> ▪ Ethernet RJ-45 - 2 ▪ IP to PSTN Calls (max) – 30(E1) / 24 T(1) 	—	—	—	1
QXFXS24 Gateway  <ul style="list-style-type: none"> ▪ Ethernet RJ-45 - 2 ▪ IP to Analog Ext. - 24 	24	—	—	—

PRI-VoIP Gateways



G100 Gateway



G200 Gateway



G400 Gateway



G800 Gateway

Digium Analog Gateway – G080



The G080 Series VoIP gateways are 8-port analog gateways with the ability to support up to 8 concurrent calls. They are available in three separate analog loopstart configurations: 8 FXO trunk ports, 8 FXS telephone set ports, and 4 FXO trunk with 4 FXS telephone set ports. Digium gateways' robust feature set includes the ability to configure call rules for connecting many combinations of telephony providers (traditional and VoIP) and PBXs (legacy and VoIP), failover routing to ensure calls won't fail, SIP to SIP transcoding, and a proven design with no moving parts that fits any environment.

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COHESIVE
Technologies



VoIP GSM/4G LTE Gateways

**TG400/800/1600 &
TG200L/400L/800L**



VOIP GSM Gateway – TG400/800/1600

Yeastar TG Series

VoIP GSM Gateway for Cost Reduction



Yeastar TG is a series of VoIP GSM gateway connecting GSM/ Network to VoIP Network directly, which can support two-way communication: GSM to VoIP or VoIP to GSM. It is the best solution ever to connect IP-based telephone systems, and soft switches to GSM network; and also the best fallback solution when landline goes down.

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VOIP 4G LTE Gateway – TG200L/400L/800L

Yeastar TG Series

VoIP 4G LTE Gateway for Cost Reduction



Yeastar TG is a series of VoIP 4G LTE gateway connecting 4G LTE / Network to VoIP Network directly, which can support two-way communication: 4G LTE to VoIP or VoIP to 4G LTE . It is the best solution ever to connect IP-based telephone systems, and soft switches to 4G LTE network; and also the best fallback solution when landline goes down.

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VOIP GSM/4G LTE Gateways



TG400



TG800



TG1600



GSM Gateway

- ✓ TG400
- ✓ TG800
- ✓ TG1600

Features

- ✓ **Mobile :** 4/8/16 GSM Channels (depends on which type of network you order)
- ✓ **Protocol :** SIP, IAX2
- ✓ **LAN :** 1 10/100Mbps / 2 10/100Mbps
- ✓ **Voice Codec:** G.711 (alaw/ulaw), G.722, G.726, G.729A, GSM, ADPCM, Speex
- ✓ **Echo Cancellation:** ITU-T G.168 LEC
- ✓ **Calling Type:** Termination (VoIP to GSM), Origination (GSM/ to VoIP)
- ✓ **Transport :** UDP, TCP, TLS, SRTP
- ✓ **DTMF Mode:** RFC2833, SIP Info, In-band



TG200L



TG400L



TG800L



4G LTE Gateway

- ✓ TG200L
- ✓ TG400L
- ✓ TG800L

Features

- ✓ **Mobile : 2/ 4/8/4G** LTE Channels (depends on which type of network you order)
- ✓ **Protocol :** SIP, IAX2
- ✓ **LAN :** 1 10/100Mbps / 2 10/100Mbps
- ✓ **Voice Codec:** G.711 (alaw/ulaw), G.722, G.726, G.729A, GSM, ADPCM, Speex
- ✓ **Echo Cancellation:** ITU-T G.168 LEC
- ✓ **Calling Type:** Termination (VoIP to 4G LTE), Origination (4G LTE/ to VoIP)
- ✓ **Transport :** UDP, TCP, TLS, SRTP
- ✓ **DTMF Mode:** RFC2833, SIP Info, In-band



Asterisk Hardware & Enterprise Headsets

Telephony Cards, Digital
VoIP Gateways, Cohesive
Technologies Headsets



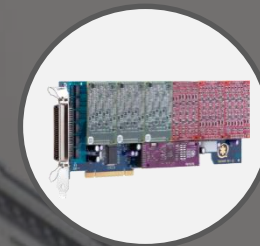
Telephony Cards



4 port Analog Card



8 port Analog Card



24 port Analog Card



Single Span Digital Card



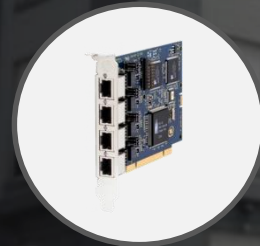
Dual Span Digital Card



Quad Span Digital Card



Octal Span Digital Card



Euro ISDN Bri Digital Card



8 port BRI Hybrid Card

Headsets –DB20(USB) | DB10(RJ9)



DB20(USB) with QD Cable
Headset

Features

- ✓ Two ears wearing, enhance comfort and clarity
- ✓ The Ultra Noise canceling Mic filters 90% background noise
- ✓ Broadband audio frequency
- ✓ Option for Mic AGC control, improves the compatibility with difference systems
- ✓ Hearing protection with Active Protection TM technology
- ✓ Cardioid-directional microphone
- ✓ 3000 rotation MIC boom offers optimal convenience
- ✓ Mirror decoration surface with Nano-plating technology
- ✓ (Auto MuteTM) function when boom rotates to 600 to -600(option)



DB10(RJ9) with QD Cable
Headset

- ✓ Two ears wearing, enhance comfort and clarity
- ✓ The Ultra noise canceling Mic filters 80% background noise
- ✓ Broad Band audio frequency
- ✓ Hearing protection with Active ProtectionTM technology
- ✓ Ultra FlexTM MIC wires,boom rotation>20k times
- ✓ Teflon washer increases stability and ensures optimal durability
- ✓ Quick Link(QLTM) function
- ✓ Optimized for noisy official users and call center users

Cohesive Technologies Pvt. Ltd

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Unified Communications With Video Conferencing & Redundancy

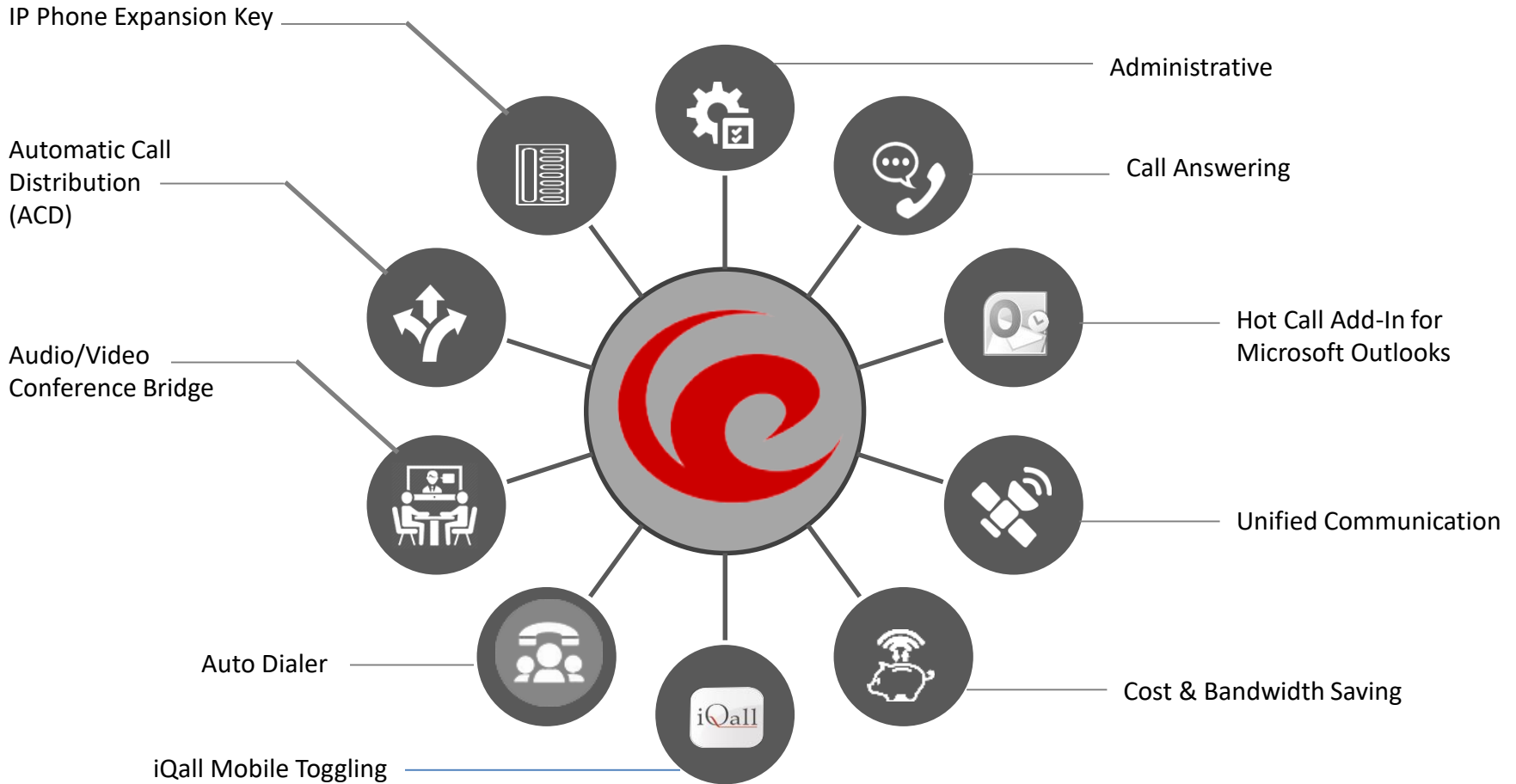
IPPBX











Licensable Features

Built-in Features



Product Name	Total Phones	Total IP Phones	FXS Ports	FXO Ports	ISDN Ports
QX20 IP PBX  <ul style="list-style-type: none"> LAN/WAN 10/100/1000 Port - 1 Audio In & Audio Out - 1 SD Slot - 1 	32	32	—	—	—
QX50 IP PBX  <ul style="list-style-type: none"> FXO PSTN Port - 2 Audio In & Audio Out - 1 SD Slot - 1 	50	48	2	2	—
QX200 IP PBX  <ul style="list-style-type: none"> FXO PSTN Port - 4 Audio In & Audio Out - 1 SD Slot - 1 	202	200	2	4	—
QX500 IP PBX  <ul style="list-style-type: none"> LAN/WAN 10/100/1000 Port - 1 Audio In & Audio Out - 1 SD Slot - 1 	500	500	—	—	—
QX3000 IP PBX 	3,000	3,000	—	—	—
QXISDN4+ IP PBX  <ul style="list-style-type: none"> Ethernet LAN/WAN port - 1 	48	48	—	—	4



Introducing a NEW Member of Our QX Family – QX5000

The **new QX5000** is engineered to service large offices of **up to 5000 users** and to support **up to 700 concurrent calls**.

QX5000 – 5000 Extension PBX with 104 Party Video Conferencing
& 288 Audio Conferencing

UCM Series of IPPBXs



Call queue

IVR

Auto attendant

Gigabit
Gigabit

System Backup

Voicemail to email

Phonebooks

Call details records

REC
Call recording

Voicemail

SIP Video

Zero config

Encryption Security

2000 users
2000 Users

Fax to email

The UCM series of IP PBXs features 2 model types: the **UCM6200 series**, **UCM6202** and **UCM6204** support up to 500 users and 30/45 concurrent calls, **UCM6208** supports up to 800 users and 100 concurrent calls and the **UCM6510**, which is geared towards small and medium enterprises by supporting up to **2000 users**.

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VoIP PBX For SME

S412 & S100



S412 VoIP PBX



S100 VoIP PBX



S412 VoIP
PBX



S20 VoIP
PBX



S50 VoIP
PBX



S100 VoIP
PBX



S300 VoIP
PBX

Flexible and modular VoIP PBX with up to 12 FXS Extensions and up to 4 CO/BRI lines.

- 20 Users
- 8 Concurrent

Stand-alone system offering an unrivalled range of features to small business.

- 20 Users
- 10 Concurrent Calls

Fully featured, reliable, and rack mountable IP-PBX for medium sized business.

- 50 Users
- 25 Concurrent Calls

Cost-effective and future-proof phone systems that grows with your business.

- 100/200 Users
- Up to 60 Concurrent

Enterprise-class IP telephony services that can scale up to 500 users.

- 300/400/500 Users
- Up to 120 Concurrent

Yeastar S412 VoIP PBX



S412 is a flexible and modular VoIP PBX that provides productivity-enhancing communication platform with a compact and powerful analog and VoIP capable system for small business.

Features

- ✓ Up to 12 FXS Extensions
- ✓ Up to 4 CO/BRI lines
- ✓ 8 VoIP Users
- ✓ 8 Concurrent Calls
- ✓ 2 GSM/WCDMA/4G LTE Channels
- ✓ **Security:** Protected from Internet hackers, viruses with built-in firewall, TLS, SRTP, and more.
- ✓ **Performance:** Powered by Freescale ARM A9 industrial grade quad-core CPU processors.
- ✓ **Future-proof:** Free lifetime software/firmware upgrade assure reliability over the years.
- ✓ **Easy to use:** Save time with streamlined installation. Manage PBX on the intuitive Metro UI.
- ✓ **Phone provisioning:** Automatically provision phones from Cisco, Yealink, Panasonic and more.



Extending Features with App center

Cohesive Technologies Pvt. Ltd

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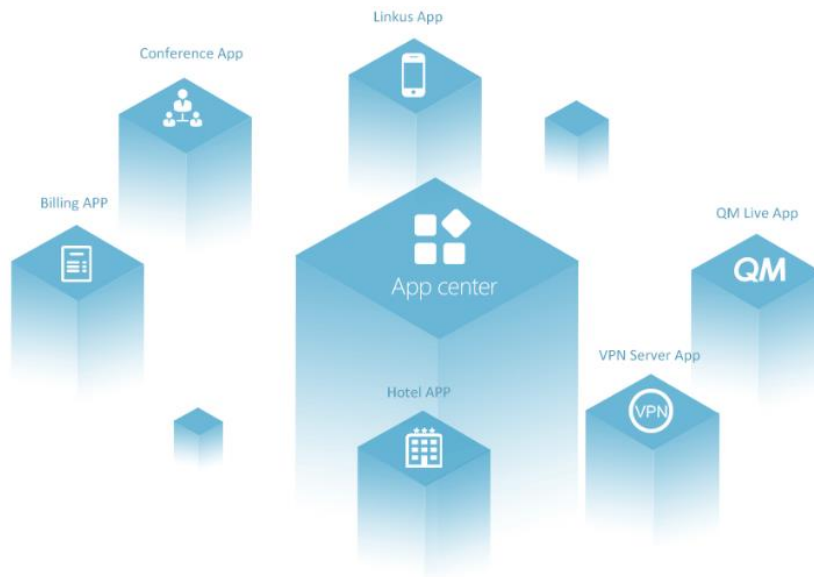
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Yeastar S100 VoIP PBX



S100 is a cost-effective business communication system with a base configuration of 100 users and 30 concurrent calls and can scale up to 200 users and 60 concurrent calls.



App center. Easy access to a wealth of PBX features

Features

- ✓ 100 Users (expandable to 200)
- ✓ 30 Concurrent Calls (expandable to 60)
- ✓ Up to 16 FXS/FXO/BRI Ports
- ✓ Up to 6 GSM/CDMA/3G/4G Channels
- ✓ Up to 2 E1/T1/PRI Ports
- ✓ **Security:** protected from Internet hackers and viruses with built-in firewall, TLS, SRTP, and more.
- ✓ **Performance:** powered by Freescale ARM A9 industrial grade quad-core CPU processors.
- ✓ **Future-proof:** free lifetime software/firmware upgrade assures reliability over the years.
- ✓ **Easy to use:** save time with streamlined installation. Manage PBX on the intuitive Web GUI.
- ✓ **Phone provisioning:** automatically provision phones from Cisco, Yealink, Polycom, and more.

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Business Conferencing & IPVideoTalk

Innovative Conferencing for Small and Medium Businesses



Business Conferencing



GVC3200

Video Conferencing System



GVC3202

Video Conferencing System



Features	GVC3200	GVC3202
MCU & Camera	All-in-one	All-in-one
MCU	4-way 1080p 5-way 720p 9-way VGA	2-way 1080p 3-way 720p or VGA
Resolution	1080p (30fps)	1080p (30fps)
Can bridge SIP call with Skype or Google Hangouts	Yes	Yes
MCU License Required	No	No
Video In	1x HDMI/VGA	1x HDMI/VGA
Video Out	3x HDMI	2x HDMI
Lens	12x zoom, wide	9x zoom, wide
Operating System	Android 4.4	Android 4.4
H.264 Video	Yes, (HP) (MP) (BP)	Yes (HP) (MP) (BP)
Bluetooth/Wi-Fi	BT 4.0, Wi-Fi dual-band	BT 4.0, Wi-Fi No
Content Sharing	1080p	1080p
Remote Control	BT & Smartphone	BT & Smartphone
MIC/Speaker Included	Yes	Yes



GAC2500

Audio Conferencing System



Features

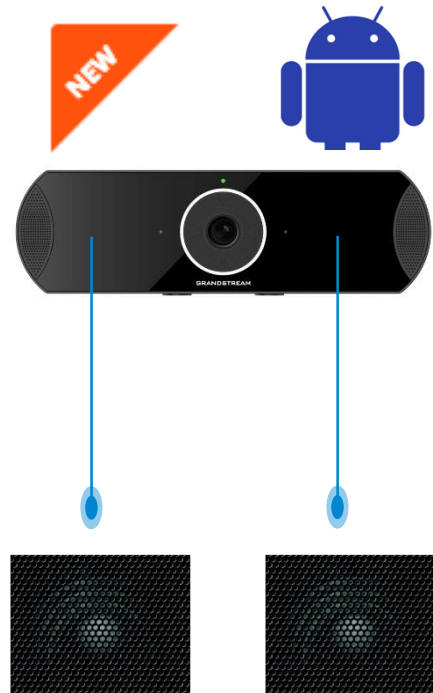
- ✓ 4.3" capacitive touch screen LCD
- ✓ 6 lines with 6 SIP accounts and 7-way audio conferencing
- ✓ Dual Gigabit networks ports & built-in PoE
- ✓ Integrated Bluetooth, USB and Wi-Fi

Cohesive Technologies Pvt. Ltd

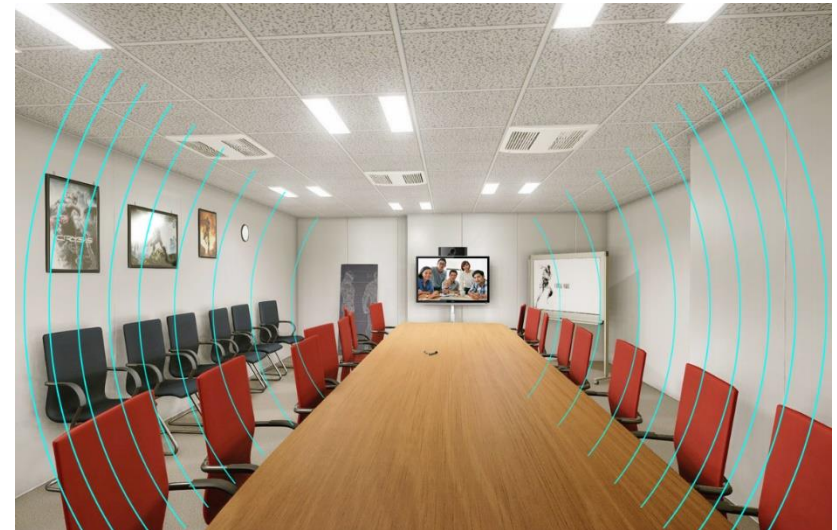
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GVC3210 VIDEO CONFERENCING



2 Left and 2 Right
MIC Array



8 meter pickup
range

- Sharp HD video resolutions up to 4k Ultra HD
- Integrated dual-band WiFi and Bluetooth
- Advanced camera with 16M pixel CMOS sensor, 90 FOV wide angle lens and ePTZ

IPVT10 - Enterprise Video Conferencing

NEW

IPVT10

Enterprise Video Conferencing Server



- Support for up to 300 participants and 120 video feeds per session; up to 10 simultaneous sessions
- Video and audio recording with 500GB local storage
- 1080p HD at 30fps via H.264/VP8 for real-time video and screen sharing
- Advanced meeting controls, • Flexible scheduling, customizable registration options, follow-up email options, meeting reports and more
- Access from PC/Mac, mobile devices, video conferencing systems, video phones, PSTN trunk, or SIP PBX
- HTTPS and WSS/DTLSSRTP encryption for WebRTC, TLS/SRTP encryption for SIP
- Advanced anti-jitter algorithm to sustain smooth audio & video against up to 30% packet loss
- Live broadcast using Facebook/YouTube Live features

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Unified Video Conferencing & Web Collaboration Service



Features

- ✓ **Web browser** support to join a meeting with 1-click
- ✓ **Full HD video** quality with 1080p HD video resolution
- ✓ **Screen sharing** from any browser of GVC3200 series video conference system
- ✓ **Link conference rooms** by linking GVC3200 series models together in multiple locations or via the web
- ✓ **1-click to join a meeting** when using WebRTC-capable browsers
- ✓ **2-way video** via GVC and WebRTC-capable web browsers
- ✓ HD audio for all attendees

Small Business

\$15/mo.

Buy Now

8 Participants
3 Video Feeds

Standard

\$25/mo.

Buy Now

25 Participants
3 Video Feeds

Pro

\$35/mo.

Buy Now

50 Participants
8 Video Feeds

Plus

\$45/mo.

Buy Now

100 Participants
8 Video Feeds

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Networking Solutions

**Wifi Access
Points(Indoor/Outdoor) &
VPN Router**



Indoor/Outdoor Wireless Access Points



	GWN7600	GWN7610	GWN7600LR	GWN7630	GWN7630LR	GWN7602
Range (meters)	165	175	300	175	300	100
MIMO	2x2:2 2.4GHz (MIMO), 2x2:2 5GHz (MU-MIMO)	3x3:3 MIMO	2x2:2 2.4GHz (MIMO), 2x2:2 5GHz (MU-MIMO)	4x4:4 2.4G (MIMO) 4x4:4 5G (MU-MIMO)	4x4:4 2.4G (MIMO), 4x4:4 5G (MU-MIMO)	2x2:2
Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac (Wave-2)	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac (Wave-2)	IEEE 802.11 a/b/g/n/ac (Wave-2)	IEEE 802.11a/b/g/n/ac (Wave-2)	IEEE 802.11a/b/g/n/ac
System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES)	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES)	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES),	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise
Antennas	2x 2.4 GHz, gain 3 dBi, internal antenna 2x 5 GHz, gain 3 dBi, internal antenna	3x 2.4 GHz, gain 3 dBi, internal antenna 3x 5 GHz, gain 3 dBi, internal antenna	2x2.4 GHz, gain 4 dBi, internal antenna 2x5 GHz, gain 5 dBi, internal antenna	4 dual band internal antennas 2.4GHz, gain 4dBi 5 GHz, gain 5dBi	4 dual band external antennas 2.4GHz, gain 3.5dBi 5 GHz, gain 3.5dBi	2 dual band internal antennas. 2.4GHz, gain 3dBi 5 GHz, gain 3dBi
Network Interfaces	2x autosensing 10/100/1000 Base-T Ethernet Ports	2x autosensing 10/100/1000 Base-T Ethernet Ports	2x autosensing 10/100/1000 Base-T Ethernet Ports	2x autosensing 10/100/1000 Base-T Ethernet Ports	2x autosensing 10/100/1000 Base-T Ethernet Ports	1 x 10/100/1000M uplink Ethernet port with POE/POE+ 2 x 10/100M Ethernet port with PSE 1 x 10/100M Ethernet port
Simultaneous Client Devices	450+	250+	450+	200+	200+	80
SSIDs	16 SSIDs per access point	8 SSID per radio	16 SSIDs per radio	15 SSIDs per access point	16 SSIDs per radio	4 SSID per radio

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Newly Launch

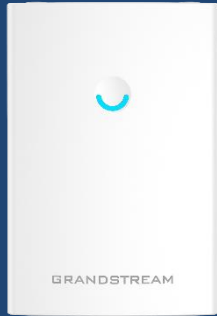
GWN7630

Wireless Access Point



Features

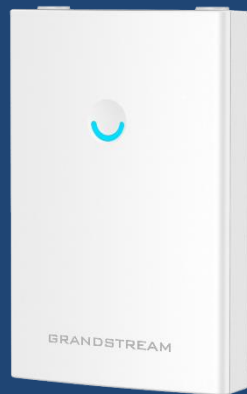
- 2.33 Gbps wireless throughput and 2 Gigabit wireline ports
- Dual-band 4x4:4 MU-MIMO technology
- Self power adaptation upon auto detection of PoE or PoE+
- Supports 200+ concurrent Wi-Fi client devices
- Up to 175-meter coverage range
- Advanced QoS to ensure real-time performance of low-latency applications
- Anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate/ random default password per device
- Embedded controller can manage up to 50 local GWN series APs; GWN.Cloud offers unlimited AP management



Newly Launch

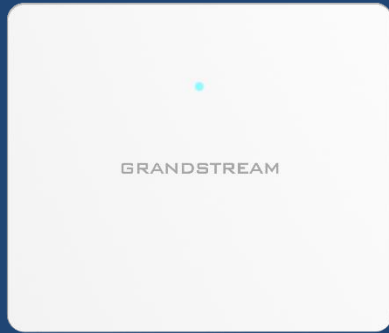
GWN7630LR

Wireless Access Point



Features

- 2.33 Gbps wireless throughput and 2 Gigabit wireline ports
- Dual-band 4x4:4 MU-MIMO technology
- Self power adaptation upon auto-detection of PoE or PoE+
- Supports 200+ concurrent Wi-Fi client devices
- Up to 300-meter coverage range
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Embedded controller can manage up to 50 local GWN series APs



Newly Launch

GWN7602

Wireless Access Point



Features

- 1.17 Gbps aggregate wireless throughput, 1xGigabit and 3x 100Mbit wireline speed
- Up to 100 meters coverage range
- Self power adaptation upon auto-detection of PoE or PoE+
- Supports up to 80 concurrent Wi-Fi client devices
- Anti-hacking secure boot and critical data/control lockdown via digital signatures
- Advanced QoS to ensure real-time performance of low-latency applications
- 2 PSE 10/100M Ports, 1 Ethernet 10/100M Port, 1 Uplink Ethernet 10/100/100M port With POE/POE+



IP Video Surveillance Solutions & PoE NVR

**Advanced Technology-
H.265+, Starlight, Super
WDR, VCA**



Milesight IP Video Surveillance Solutions



Milesight H.265+

▶ 50% Reduction in Bandwidth



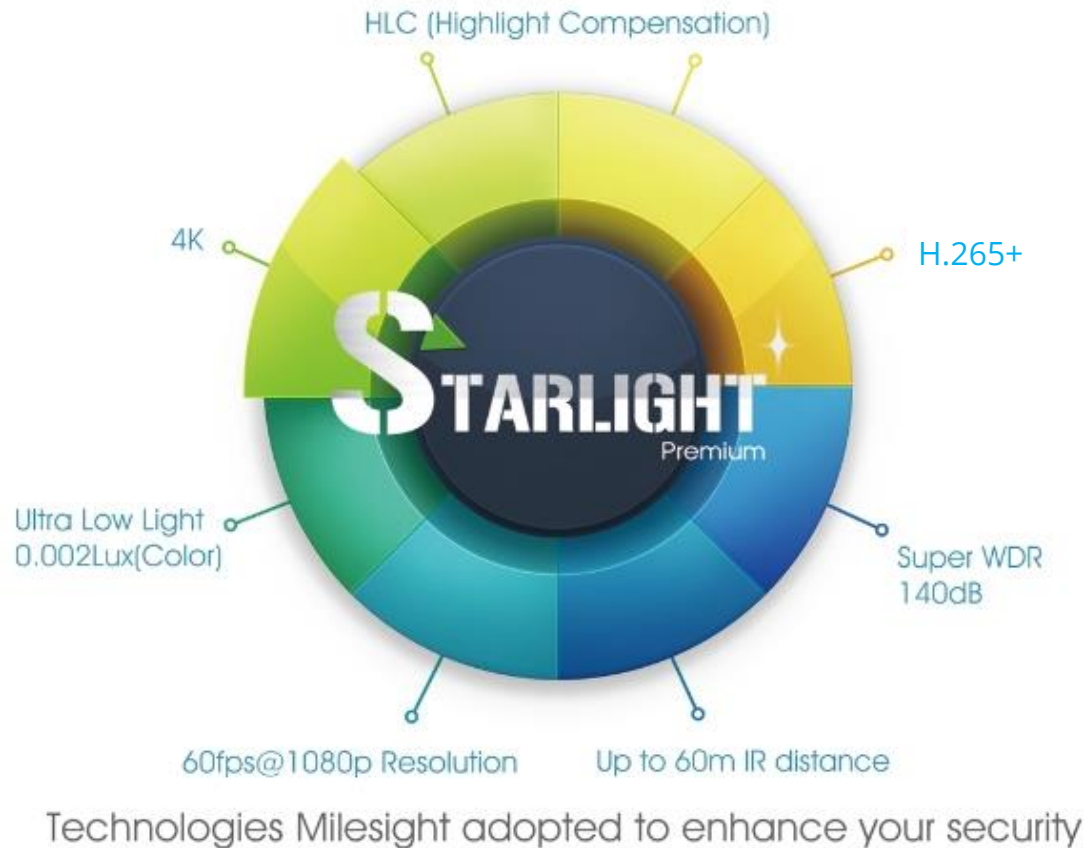
▶ 50% Reduction in Storage



▶ 50% Reduction in Bitrate at the same visual quality



▶ Futureproof Technology up to 8K



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H.265+ Starlight Premium Network Camera



**H.265+ A.F Motorized
Mini Dome
Network Camera**



**H.265+ Vandal-Proof
Mini Dome
Network Camera**



**H.265+ Mini Bullet
Network Camera**



**H.265+ Mini Bullet
Network camera**

Features

- ✓ 2/5 MP
- ✓ 0.002Lux Starlight,
- ✓ IR Distance 35m,
- ✓ Super WDR 140dB
- ✓ IP67 & IK10
- ✓ VCA Supported (Optional)

- ✓ 2/5 MP
- ✓ 0.002Lux Starlight
- ✓ IR Distance 25m
- ✓ Super WDR 140dB
- ✓ IP67, IK10
- ✓ VCA Supported (Optional)
- ✓ UL Certified

- ✓ 2/5 MP
- ✓ 0.002Lux Starlight
- ✓ IR Distance 30m
- ✓ IP67 & IK10
- ✓ 140dB WDR
- ✓ VCA Supported (Optional)

- ✓ 2/5/8(4k) MP
- ✓ 0.002Lux Starlight
- ✓ Super WDR 140dB
- ✓ IR Distance 50m
- ✓ IP67 & IK10
- ✓ VCA Supported (Optional)
- ✓ P-Iris (Optional)

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H.265+ Starlight Premium Network Camera



H.265+ Pro Bullet
Network Camera



H.265+ Mini PTZ Bullet
Network Camera



H.265+ Speed Dome
Network Camera



12MP H.265+ Fisheye
Network Camera

Features

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none">✓ 2/5/8(4K) MP✓ 0.002Lux Starlight,✓ IR Distance 60m/100m (7mm-22mm lens)✓ Super WDR 140dB✓ IP67, IK10 (Optional)✓ VCA Supported (Optional) | <ul style="list-style-type: none">✓ 2/5 MP✓ 0.002Lux Starlight,✓ 12x Optical Zoom,✓ Super WDR 140dB✓ 255 Preset points✓ 360 degree Endless pan✓ Tilt Range : -45°~30°✓ IR Distance 100m✓ 16X Digital Zoom✓ VCA Supported (Optional) | <ul style="list-style-type: none">✓ 2/5 MP✓ 0.002Lux Starlight✓ Super WDR✓ 255 Preset points✓ 360 degree Endless pan✓ IR Distance 200m✓ VCA Supported (Optional)✓ 30x/36x/42x optical zoom | <ul style="list-style-type: none">✓ Up to 5/12MP Resolution✓ 360° Panoramic View✓ Smart IR II Technology✓ IP67 Weather-proof✓ IK09 Vandal-proof✓ Equipped with Alarm I/O, Audio Out,✓ and 2 Built-in Mic✓ IR Distance 15m |
|--|--|---|--|

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H.265+ Starlight Premium Network Camera



**H.265+ 180 degree
Panoramic Mini Bullet
Network Camera**

Features

- ✓ 5/8(4k) MP
- ✓ 180 Degree View
- ✓ IP67 & IK10
- ✓ Super WDR120dB
- ✓ IR Distance 15m
- ✓ Built - in Microphone
- ✓ 8 Patrols and 4 patterns
- ✓ VCA Supported



**H.265+ PTZ dome
Network Camera**

Coming Soon

- ✓ 360° Endless Pan,
- ✓ -5° ~185° Tilt
- ✓ Starlight, IP67 & IK10,
- ✓ Smart PTZ Motion Detection,
- ✓ Auto Tracking, 140dB Super WDR
- ✓ 8 Patrols and 4 Patterns
- ✓ 12x/23x optical Zoom



**H.265+ LPR Cameras
Network Camera**

- ✓ MS-C2964-RFLPB
- ✓ MS-C2961-RELPB
- ✓ MS-C2962-RFLPB
- ✓ MS-C2962-REPB
- ✓ 2MP, 12x Optical Zoom,
- ✓ 140DdB Super WDR.
- ✓ The Cameras have the ability to detect & recognize the moving vehicle's plate number in the speed upto 120km/h.

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180° PANORAMIC MINI BULLET NETWORK CAMERA

**NEWLY
LAUNCH**

- **5MP High Definition, H.265+**
- **180° Panoramic View**
- **Video Content Analysis**
- **Min. illumination : color image at 0.005Lux @ F1.2**
- **120dB Super WDR**
- **IR Distance up to 15m**
- **Smart IR II Technology**
- **IP67 & IK10**
- **Built-in Microphone, PoE**
- **Working Temperature : -40° C to 60° C**



MINI BULLET II NETWORK CAMERA



- Available in 2/5 Megapixel
- leading IP67, IK10, 2.8mm lens,
- Smart IR II, H.265+, 140dB WDR, IR Distance 30m,
- starlight 0.002Lux, VCA Supported, etc.

NEWLY
LAUNCH

Newly
Launch



**H.265+ WEATHER-PROOF
MINI DOME
NETWORK CAMERA**

- Smart IR II Technology
- Built-in PoE Module
- IP67&IK10



**H.265+ AF MOTORIZED
MINI DOME
NETWORK CAMERA**

- Up to 5MP Resolution
- 3x Auto Focus Lens
- Smart IR II Technology
- 3-Axis Mechanical Design
- IP67&IK10

Newly Launch Products

Network Camera

Brand New · More Professional · Intelligent

New Camera
in Q2



5MP · 360° Panoramic · IP67 · IK10
Hardware/Software Dewarping



5MP / 8MP · 180° Panoramic
IP67 · IK10



36x/42x AF Lens · Up to 8MP
High Frame Rate · IP66 · IK10



12x/23x AF Lens · Up to 5MP
High Speed · IP66 · IK10



Auto-Tracking

Super WDR Pro
@ 90fps



Plugin Free

Profile T
ONVIF



P2P / MS DDNS

NVR

PoE Upgrade · Reliability · Better Management

New NVR
in Q1



MS-N5008-UPT 8 PoE Ports
MS-N5016-UPT 16 PoE Ports

MS-N7016-UPH 16 PoE Ports
MS-N7032-UPH 24 PoE Ports

New File System

- Password Security
- Dual-stream Recording
- Transcoding
- MP4 Format Export
- Plugin Free



N+1 Failover



Solution

Effective · Flexible · Central Control



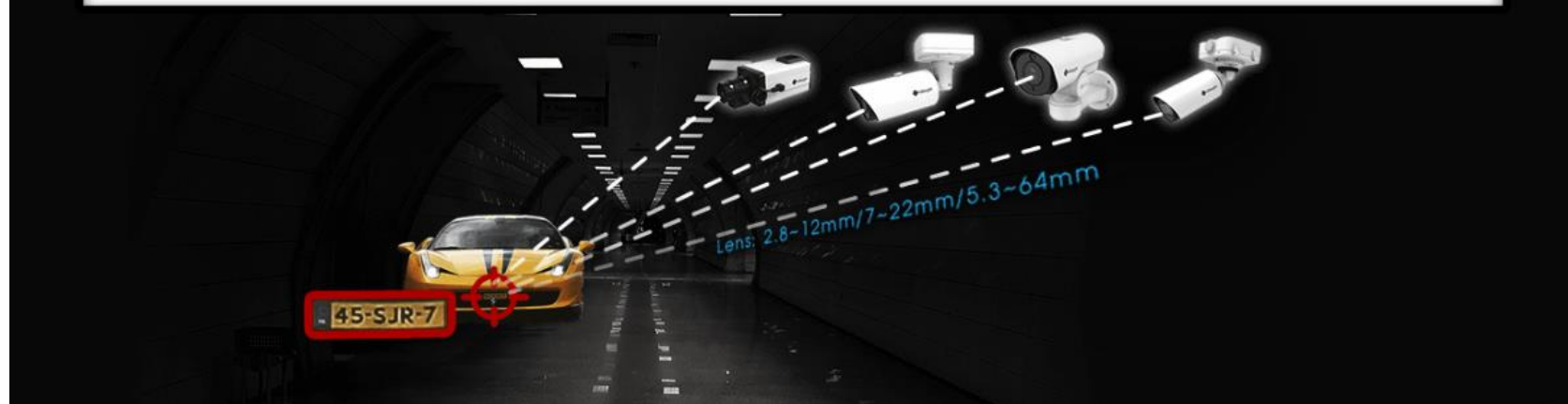
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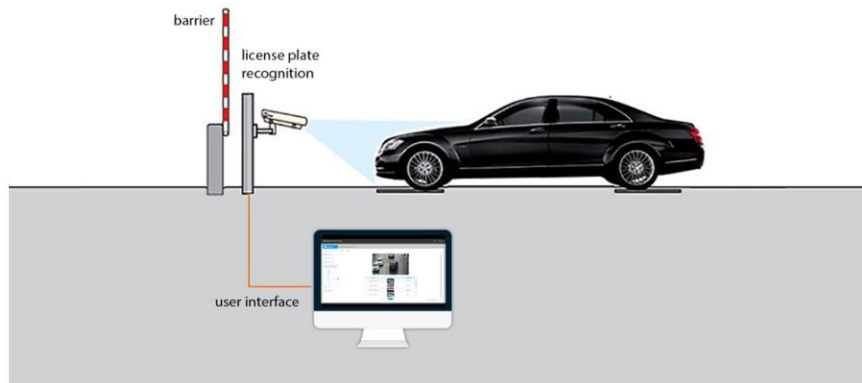
Email: info@cohtechnologies.com **Web:** www.cohesiveglobal.com

LPR Series Cameras

License Plate Recognition(LPR) Network Cameras



Black & White List



Milesight LPR/ANPR Network Cameras are perfectly useful for traffic solutions. The cameras detect and catch the vehicles' plate numbers. Then there will be log records which could also be exported. Embedded with Black and White list inside the cameras, control the barrier opened by the camera according to the B/W list achieves a great stand alone solution. Therefore, it is ideal for LPR applications such as traffic surveillance, car parking and entrance & exit license plate recognition.

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Milesight Applications | CMS



Smart Tools
Milesight Applications



Milesight CMS
Milesight Applications



Milesight VMS
Milesight Applications



Mobile App
Milesight Applications

Features

- ✓ Support Camera & NVR
- ✓ Support Batch Video Parameters
- ✓ Support Batch Network Settings
- ✓ Support Batch Firmware Upgrading

- ✓ Support up to 64 channels playing synchronously each screen
- ✓ Support up to 4 screens for Live View
- ✓ Support up to 4 screens for Live View
- ✓ Offer users a complete visual overview of the devices locations with interactive maps.

- ✓ **Lite:** For small solution(Up to 64-ch)
- ✓ **Pro:** For middle to large solution(C/S)

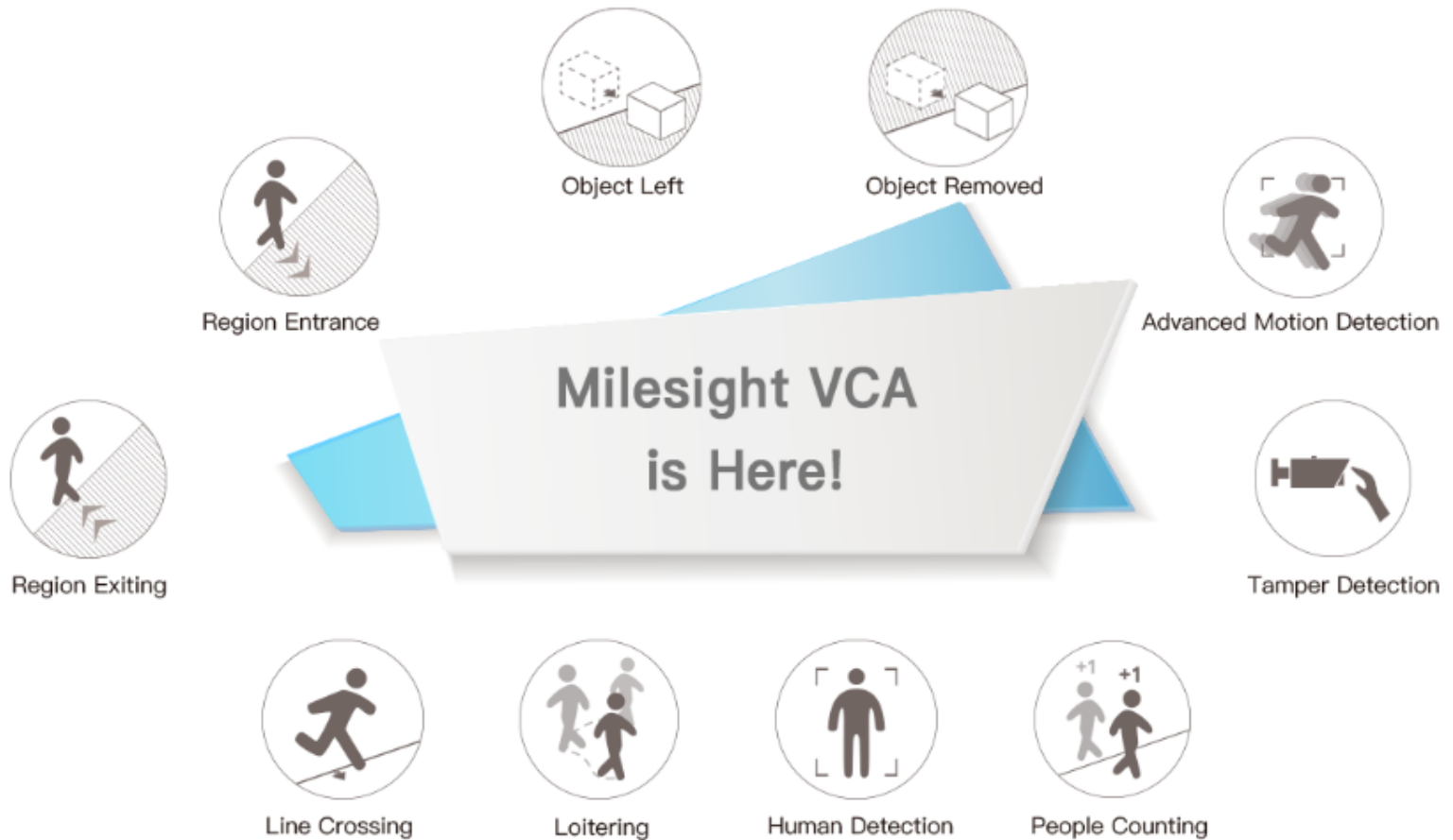
- ✓ Milesight has one mobile APP 'M-Sight' for both iOS and Android which allows users to login, view and control their network camera and NVR.
- ✓ Carry-on System
- ✓ Friendly Interface
- ✓ Alarm Push

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Video Content Analysis



Value-added function Caters for All your need

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4K H.265 Pro (8xxx series 32/64 – CH)

NVR 5xxx series (PoE) 08/16 – CH & 4CH PoE Mini NVR



4K H.265 PoE NVR 5000
(MS-N5008-UPT/MS-N5016-UPT)
Network Video Recorder



4K H.265 PRO NVR 5000
(MS-N5008-UT/MS-N5016-UT)
Network Video Recorder



4K H.265 Pro NVR 8000
(MS-N8032-UH/MS-N8064-UH)
Network Video Recorder

Features

Network Video Input - (8-ch & 16-ch),
2 SATA HDD (3.5"),
10TB capacity for each HDD,
440mm*251mm*44.4mm,
3.5kg, Support HDMI and VGA

Network Video Input - (8-ch & 16-ch),
2 SATA HDD (3.5"),
10TB capacity for each HDD,
440mm*251mm*44.4mm,
2.6kg, Support HDMI and VGA

Network Video Input - (32-ch & 64-ch),
8 SATA HDD (3.5"),
10TB capacity for each HDD,
440mm*420mm*88.2mm, 6.0kg,
Support HDMI and VGA



4K H.265+ NVR
(MS-N1004-UC/MS-N1004-UPC)
Network Video Recorder
4 Channel, 1*Sata HDD 3.5 inch,
2*USB, ANR, VCA



4K H.265+ NVR
(MS-N1009-UT/MS-N1009-UNT)
Network Video Recorder
9 Channel, 1*Sata HDD 3.5 inch,
2*USB, ANR

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REMOTE ACCESS VIA MILESIGHT CMS AND APP



Milesight 4K H.265 Pro NVR Series can be easily accessed and managed remotely via Milesight CMS and mobile APP.

Milesight CMS is an intelligent surveillance solution for users to manage up to 64 devices, with remote access to liveview and playback. Available on iOS and Android devices, APP is specially designed for Milesight NVR to provide users real-time surveillance.

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SIP Voice & Video Door Intercoms

Physical Security



Secured Access Control Devices



**Secure Access
Control Keypad**

011433



**RFID Secure Access
Control Endpoint**

011425



**RFID/Keypad Secure
Access Control Endpoint**

011426

Features

- ✓ PoE , SIP compliant
- ✓ IP 65 outdoor-rated
- ✓ Optional weather shroud for even greater weather protection
- ✓ Alert buzzer
- ✓ Red/Green lock status lights
- ✓ Can operate in standalone mode. PBX not required. Future-proof and adaptable when upgrading to new VoIP PBX

- ✓ IP 65 outdoor-rated
- ✓ Alert buzzer
- ✓ Built in time of access scheduler
- ✓ Local and remote logging with time stamp
- ✓ Supports 500 Access Codes
- ✓ Network downloadable firmware
- ✓ Can operate in standalone mode. PBX not required. Future-proof and adaptable when upgrading to new VoIP PBX
- ✓ Dry contact relay to trigger door lock or unlock gates
- ✓ Door closure and tamper alert signal

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Newly
launch

New Secure Access Control Endpoints from CyberData are here!



- No Set up fees!
- No license fees!
- No monthly monitoring fees!
- Operate in stand-alone mode or as a network device
- Integrates seamlessly into customer's infrastructure



011477 SIP Outdoor Intercom w/RFID



011478 SIP h.264 Video Outdoor Intercom w/RFID

CyberData Corporation - Simplifying VoIP Connectivity For Access Control, Paging, & Mass Notification

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IP Door Intercom - Outdoor



**Video door Intercom
w & w/o Keypad**
011414, 011410

- ✓ Point to Point Configurable, eliminating need for VoIP video phone with CyberSoftPhone (free download)
- ✓ Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- ✓ PoE, SIP compliant
- ✓ Adjustable camera angle
- ✓ 12-key keypad with backlight



**Door intercom
W & w/o Keypad**
011214

- ✓ Now Supports 500 Access
- ✓ Optional red/green/blue/white strobe kit connection available (part number 011288)
- ✓ Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- ✓ Now with enhanced acoustic echo canceler
- ✓ PoE, 12-key keypad with backlight

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IP Door Intercom - Indoor



**Indoor Intercom
W & w/o keypad
- Surface & flush mount**
011113,011211

Features

- ✓ PoE, 12-key keypad with backlight
- ✓ Now Supports 500 Access Codes
- ✓ Optional red/green/blue/white strobe kit connection available (part number 011288)
- ✓ Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- ✓ Now with enhanced acoustic echo canceler



**Indoor Intercom
W & w/o keypad
- flush mount**
011123,011272

- ✓ PoE, 12-key keypad with backlight
- ✓ Now Supports 500 Access Codes
- ✓ Optional red/green/blue/white strobe kit connection available (part number 011288)
- ✓ Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- ✓ Now with enhanced acoustic echo canceler



**SIP Emergency
Intercom**
011209

- ✓ PoE, SIP compliant
- ✓ Door closure and tamper alert signal
- ✓ Optional red/green/blue/white strobe kit connection available (part number 011288)
- ✓ Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- ✓ Now with enhanced acoustic echo canceler

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Door Intercoms



GDS3705

Voice Door Intercom

Features

- ✓ Audio-only door access system with keypad and RFID access
- ✓ Built-in RFID chip reader for keyless entry
- ✓ Integrated speaker and dual-microphones for exceptional sound quality
- ✓ Supports SIP calls to IP phones or smart phones for two-way full-duplex audio



GDS3710

Video Door Intercom

- ✓ Powerful video resolutions up to 1080p
- ✓ Built-in RFID chip reader for keyless entry
- ✓ SIP video streaming to NVRs, video intercom stations, IP phones, or smart phones simultaneously
- ✓ Built with a metal casing to make it weatherproof and vandal resistant
- ✓ Built-in hemispheric camera allows for 180-degree wall-to wall coverage
- ✓ Supports motion detection
- ✓ Integrated PoE to power the device and provide a network connection
- ✓ Built-in microphone and speaker offers voice options and intercom functionality
- ✓ ONVIF Profile S compliant

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Upcoming Product



GSC3570

HD Intercom and Facility Control Station

- Full duplex 2-way HD audio with advanced echo cancelation
- 7 inch 1024x600 capacitive touch screen
- Full-band and wide-band audio codec support
- Integrated dual-band 802.11 a/b/g/n Wi-Fi
- 4x alarm input ports and 1x alarm output port for customized deployments
- Linux 4.4 operating system
- 4 SIP accounts, hold, call waiting, call log, auto answer, etc

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IP Paging Adapters & Server Including Accessories

Physical Security



IP Paging Adapter & Server



SIP Paging Adapter
011233



SIP Paging Zone Controller With 4 port audio out
011171



SIP paging server With bell scheduler
011146

Features

- ✓ Two SIP extensions (Note: One of these extensions is a dedicated "night ringer," which is not capable of answering a call, and will only play a stored message while the call is ringing.)
- ✓ Voice prompt pass code and page control
- ✓ 9 user-uploadable page messages
- ✓ 10 channel prioritized Multicast ports
- ✓ Now Supports Up To 9 Stored Messages
- ✓ Delayed paging
- ✓ Night Ringer
- ✓ Compatible with more IP/PBX servers
- ✓ SIP RFC 3261 compatible
- ✓ PoE 802.3af enabled (Power-over-ethernet)
- ✓ Dual-speed ethernet 10/100 Mbps
- ✓ 4 Paging zones
- ✓ 15 Paging zone groups
- ✓ Connector for external power supply
- ✓ Small footprint
- ✓ Bell Scheduler with up to 25 "bells"
- ✓ 25 user uploadable stored messages
- ✓ Voice prompting and password controlled zones
- ✓ SIP RFC 3261 compatible
- ✓ NTP-based internal clock
- ✓ Multicast output
- ✓ Two SIP endpoints (one for Night Ringer)
- ✓ DTMF control of zone selection
- ✓ Delayed page support
- ✓ PoE, 19-inch Rack mount option

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IP Paging & Accessories



**SIP IP66
Outdoor horn**
011457



**Multicast VoIP
Microphone**
011446



SIP Speaker
011393
(RAL 9002, Gray White)
011394
(RAL 9003, Signal White)



SIP Talk-Back Speaker
011397 (RAL 9002, Gray White)
011398 (RAL 9003, Signal White)

Features

- ✓ Support for security code access for SIP paging
- ✓ Autoprovisioning via HTTPS
- ✓ HTTPS web based configuration
- ✓ 9 user-uploadable page messages
- ✓ IP66-rated
- ✓ Sealed network cable gland
- ✓ SIP and Simultaneous Multicast
- ✓ Dual-speed ethernet 10/100 Mbps
- ✓ Web-based configuration
- ✓ PoE, User-uploadable tones and messages
- ✓ Multicast Transmit
- ✓ Compatible with CyberData endpoints that receive multicast
- ✓ Page to Polycom phones
- ✓ Delayed page support (up to 60 seconds)
- ✓ Web-based configuration and firmware upload
- ✓ Autoprovision support
- ✓ PoE, G711 codec
- ✓ 12-inch flexible shaft microphone
- ✓ Desktop Design
- ✓ Wall mountable
- ✓ Support for security code to prevent unwanted SIP calls
- ✓ Optional red/green/blue/white strobe kit connection available
- ✓ SIP (RFC 3261) compatible
- ✓ Night Ringer function
- ✓ Plays audio from Multicast
- ✓ Web-based configuration
- ✓ Paging prioritization and background music
- ✓ User upgradeable firmware via web interface or autoprovisioning
- ✓ Full-duplex (SIP) or half-duplex (push to talk)
- ✓ Support for security code to prevent unwanted SIP calls
- ✓ Optional red/green/blue/white strobe kit connection available
- ✓ PoE
- ✓ High efficiency speaker driver
- ✓ DTMF-controlled relay
- ✓ Line-out connection

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Newly
launch

011458 MULTICAST SPEAKER

- Plays audio from multicast
- TLS security for autoprovisioning
- Support for 10 multicast paging groups
- Network-adjustable speaker volume
- User upgradeable firmware via web interface or autoprovisioning
- 802.11q VLAN tagging
- Configurable event generation for device health and status monitoring
- Web-based configuration
- High efficiency speaker driver
- Small footprint



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Newly
launch

Exciting News For Customers Using InformaCast: Cyberdata's New (011504) InformaCast Enable Ceiling Speaker Offers Cost Savings and Quality.



- Receives Singlewire InformaCast and multicast messages
- Supports Singlewire InformaCast High Quality Audio
- TLS security for autoprovisioning
- Supports audio prioritization for 10 multicast paging groups
- User upgradeable firmware via web interface or autoprovisioning
- Configurable event generation for device health and status monitoring

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Newly
launch

011487 Multicast Wall Mount Speaker

- Receives multicast messages
- Supports audio prioritization for 10 multicast paging groups
- Receives pages directly from Polycom phones
- TLS 1.2 security for autoprovisioning and web-based configuration
- User upgradeable firmware via web interface or autoprovisioning
- Configurable event generation for device health and status monitoring

Perfect for a host of environments



CyberData
The IP Endpoint Company

Cohesive Technologies Pvt. Ltd

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Email: info@cohetechnologies.com **Web:** www.cohesiveglobal.com

Newly
launch



011505 InformaCast Enabled Wall Mount Speaker

- Can receive Singlewire InformaCast and multicast messages
- Supports Singlewire InformaCast High Quality Audio
- Receives pages directly from Polycom phones
- TLS 1.2 security for autoprovisioning and web-based configuration
- User upgradeable firmware via web interface or autoprovisioning
- Configurable event generation for device health and status monitoring

Perfect for a host of environments



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IP Paging & Accessories



**SIP ceiling
Tile drop-in Speaker**
011401



**SIP Paging
Amplifier**
011324



**SIP loudspeaker
Amplifier –(AC/PoE)**
011404,011405



SIP Office Ringer
011216

Features

- ✓ The SIP Ceiling Tile Drop-In Speaker is the newest option for installation of the CyberData VoIP IP Speaker. The "Drop-In" design combines easy installation with a streamlined look.
- ✓ The wax Audio out of speaker is SPL 111.9dbm
- ✓ 10 channel prioritized Multicast ports
- ✓ Delayed page support
- ✓ SIP and Simultaneous Multicast
- ✓ Line-in for background music
- ✓ Line-out connection
- ✓ PoE
- ✓ Line-in for background music
- ✓ Line-out connector
- ✓ DTMF controlled relay
- ✓ User-uploadable tones and messages
- ✓ Auto-call voice message from input port sense Can support two horns
- ✓ 10 channel prioritized Multicast ports
- ✓ Built-in diagnostics
- ✓ PoE, SIP compliant
- ✓ Full-duplex voice operation
- ✓ Concurrent SIP and multicast paging
- ✓ Dry relay contact for auxiliary control
- ✓ Door closure and tamper alert signal
- ✓ Downloadable alert, ringtones and callout messages

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IP Paging & Accessories



SIP RGB Strobe
011376



SIP Call Button
011049



PoE Digital Clock
011313



Flush mount kit, 2x
011442

Features

- ✓ Meets ADA requirements for telephony signaling and notification
- ✓ Multiple colors, Blink rate and brightness can be selected for each of the different activation methods
- ✓ Program or listen to up to 10 multicast addresses
- ✓ SIP activation
- ✓ Mailbox Message Waiting Indication
- ✓ Multicast activation
- ✓ PoE, SIP compliant
- ✓ Network adjustable speaker volume
- ✓ Concurrent SIP and multicast paging
- ✓ Dry relay contact for auxiliary control
- ✓ Door closure and tamper alert signal
- ✓ User downloadable message up to 80 seconds
- ✓ Single button call to pre-set number
- ✓ Continuous repeat of message
- ✓ Call progress light
- ✓ 4 digits that are 2.3-inches tall
- ✓ 13mCd brightness
- ✓ 5-Watts total power
- ✓ Network configurable, DHCP or static IP
- ✓ Network discoverable, with CyberData discovery and configuration utility
- ✓ 12/24 hour formats
- ✓ Configurable colon, on, off, flashing
- ✓ Configurable display intensity 1-15 or auto intensity - ambient light
- ✓ CyberData's Flush Mount Kit, 2x enables flush mounting for the following CyberData devices:
- ✓ 011214 SIP Outdoor Intercom w/Keypad
- ✓ 011310 Singlewire InformaCast-enabled Outdoor Intercom w/Keypad
- ✓ 011414 SIP h.264 Outdoor Video Intercom w/keypad

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Newly
launch

- ✓ Parking Garages & Lots
- ✓ Playgrounds
- ✓ Shelters/Places of Refuge
- ✓ Shipping & Receiving



011491 SIP Outdoor Call Button

- TLS 1.2, enhanced security for IP Endpoints in a local or cloud-based environment
- Cisco SRST support
- Event-controlled relay
- Tamper sensor
- Web-based setup
- SIP Outdoor Call Button can be used in an InformaCast-enabled environment



011479 SIP Outdoor RGB (Multi-color) Strobe



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Newly
launch

- ✓ Parking Garages & Lots
- ✓ Playgrounds
- ✓ Shelters/Places of Refuge
- ✓ Shipping & Receiving



→ Strobes meet ADA requirements for telephony signaling and notification



011490 Outdoor Auxiliary RGB (Multi-color) Strobe Kit



011489 InformaCast-enabled Outdoor RGB (Multi-color) Strobe

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IP Paging & Accessories



Flush Mount Kit, 1x
011443



Auxiliary RGB Strobe Kit
011288



Networked Dual Door Strike Relay
011375



Wall Mount Clock Kit
011153 (RAL 9002, Gray White) and
011154 (RAL 9003, Signal White)

Features

- ✓ CyberData's Flush Mount Kit, 1X enables flush mounting for the following CyberData devices:
 - ✓ 011186 SIP Outdoor Intercom
 - ✓ 011433 Secure Access Control Keypad
 - ✓ 011309 Singlewire InformaCast-enabled Outdoor Intercom
 - ✓ 011410 SIP h.264 Outdoor Video Intercom w/Keypad
- ✓ 3.28 feet [1 meter] cable
- ✓ Meets ADA requirements for telephony signaling and notification
- ✓ Different Strobe colors, blink rate and brightness can be tied to multiple activation scenes
- ✓ Activates from a CyberData IP endpoint
- ✓ Mailbox Message Waiting Indication
- ✓ Multicast activation
- ✓ Web-based setup
- ✓ Support for Singlewire products
- ✓ Now allows for monitoring and control of two doors
- ✓ PoE 802.3af enabled
- ✓ AES encryption (up to 256 bit)
- ✓ Discoverable by CyberData VoIP products
- ✓ Windows setup utility with diagnostics
- ✓ Real time clock with event logging function
- ✓ Supports Multicast Relay Activation
- ✓ Dual 12A relays
- ✓ NO/NC contacts
- ✓ Easy wall or ceiling installation
- ✓ Mounting kit included
- ✓ Electrogalvanized steel construction
- ✓ RoHS compliant
- ✓ Keyhold for easy installation
- ✓ Top and bottom cable channels
- ✓ 2.3-inch sized digits
- ✓ 12 or 24 hour format

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IP Paging & Accessories



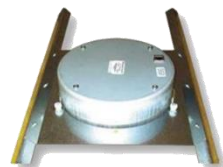
Speaker Wall Mount

011151 (RAL 9002, Gray White)
and 011152 (RAL 9003, Signal White)



Conduit Speaker Mount

011039



Ceiling Mount

010991



Ceiling Tile Auxiliary Analog Drop-in Speaker

011201

Features

- ✓ The CyberData Wall Mount Adaptor enables the various CyberData SIP, Singlewire and Syn-Apps Speakers for wall mounting.
 - ✓ Mounting kit included
 - ✓ Electro-galvanized steel construction
 - ✓ RoHS compliant
 - ✓ Top and bottom cable channels
- ✓ The Conduit Speaker Mount is the newest option for installation of the CyberData SIP, Singlewire and Syn-Apps Speakers. Made of electro-galvanized steel, the easy-to-install cylindrical design gives the finished look of the mount and speaker a clear and modern appearance.
- ✓ The Ceiling Mount Bracket enables the various CyberData SIP, Singlewire and Syn-Apps Speakers for 24-inch wide ceiling tile mounting.
 - ✓ Easy tile ceiling installation
 - ✓ Mounting kit included
 - ✓ Electrogalvanized steel construction
- ✓ The Ceiling Tile Drop-In Auxiliary Analog Speaker is the newest option for installation of the CyberData Auxiliary Analog Speaker. The "Drop-In" design combines easy installation with a streamlined look. This Drop-In Auxiliary Speaker is an option for the CyberData SIP Speaker to extend the coverage area.

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IP Paging & Accessories



Auxiliary Analog Speaker

011120 (RAL 9002, Gray White)
and 011121 (RAL 9003, Signal White)



Mini Horn Loudspeaker

011068



Power PoE injector 802.3at

011124



Remote Call Button

011185

Features

- ✓ The CyberData Auxiliary Analog Speaker is an option for the CyberData SIP Speaker to extend the coverage area.
- ✓ Low cost 2nd speaker option that attaches to the SIP or SingleWire speakers
- ✓ Mounting hardware supplied
- ✓ Choice of colors
- ✓ The Mini Horn Loudspeakers feature a highly efficient compression driver, weather resistant construction, and UV resistant materials.
- ✓ Weather and corrosion resistant design
- ✓ IP54 IP rating
- ✓ 40 watts continuous duty
- ✓ Designed for good speech intelligibility
- ✓ Adjustable mounting base
- ✓ The new PoE Power Injector 802.3at is used with CyberData's SIP Paging Amplifier (Part # 011061) and SIP Loudspeaker Amplifiers (AC - Part #011095 and Wireless - Part #011096) to provide up to 25 watts of driving power.
- ✓ Fanless design
- ✓ Over-current protection
- ✓ Short-circuit protection
- ✓ Green mode
- ✓ Backward compatible for all 802.3af devices
- ✓ The remote call button (Sold Separately), when deployed with any of our "Talk Back Speakers" (SIP or SingleWire), allows the user to place a call to a predefined number. It can also be used to receive a call or used in "Push to Talk" mode. These modes are defined in the Talk Back Speaker's web interface.

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Newly
launch



**CYBERDATA 011471
IP66 OUTDOOR ANALOG
HORN SPEAKER**

- Weather and corrosion resistant design
- IP66 rating
- 20 watts continuous duty
- Designed for good speech intelligibility
- Adjustable mounting base
- 3.28 foot (1 meter) connected cable



**CYBERDATA SIP
LOUDSPEAKER AMPLIFIER -
POE**

- Enhanced interoperability for hosted environments
- CyberData has maintained one of the most comprehensive list of IP PBX servers certified to work with CyberData
- Support for security code access for SIP paging
- Autoprovisioning via HTTPS
- HTTPS web based configuration

Cohesive Technologies Pvt. Ltd

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IP Paging & Accessories



Door Strike Intermediate Relay Module

011269



Outdoor Intercom Shroud

011188



Outdoor Keypad Intercom Shroud

011215



Strobe protective Dome Kit

011287

Features

- ✓ When connecting a CyberData SIP or Singlewire InformaCast® Intercom to an electronic door lock, the high current side of the door strike required a separately-wired relay and protection diode.
 - ✓ Direct connection to CyberData Intercom products
 - ✓ 4 wire interface
 - ✓ 12 Amp relay
 - ✓ NO/NC contacts
 - ✓ Opto-isolated sense input
 - ✓ Lock status LED
- ✓ The Weather Shroud is available for use with our SIP Outdoor Intercom and the Singlewire InformaCast® Outdoor intercom, delivering even greater weather protection.
 - ✓ Fits the following devices: 011186, 011309, and 011433
- ✓ The Weather Shroud is for use with our SIP Outdoor Intercom w/Keypad (Part# 011214) and our Singlewire InformaCast® Outdoor Intercom w/Keypad (Part# 011310).
 - ✓ Fits the following devices: 011214, 011310, and 011414
- ✓ The CyberData Strobe Protective Dome Kit can be used with our SIP and Singlewire InformaCast® Strobes and provides protection from adverse weather, vandalism, and accidental damage. The virtually clear and sealed polycarbonate dome is suitable for both indoor and outdoor applications.
 - ✓ Works with the 011087 SIP Strobe and the 011244 Singlewire Strobe

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Accessories & Networking



**1U Server
Rack mount**
011093



**3-port usb gigabit
Port mirroring switch**
011259



**3-port gigabit
Ethernet switch
(USB - powered)**
011236



**2-port PoE gigabit port
mirroring switch**
011258

Features

- ✓ Standard 19-inch rack mounting option enables CyberData's SIP gateways and adapters to be mounted in a server rack.
 - ✓ Standard 19-inch rack mounting
 - ✓ Supports up to two CyberData VoIP Endpoints
 - ✓ Black powder-coated finish
- ✓ Port Mirroring
 - ✓ 3-port auto-negotiating (no crossover cable required)
 - ✓ 10/100/1000 full duplex
 - ✓ Powered by USB or 5V source (no external power supply required)
 - ✓ Link/Status and connection speed LEDs
 - ✓ Low Power
 - ✓ VLAN Packet Forwarding
 - ✓ RoHS Compliant
- ✓ 3-port auto-negotiating (no crossover cable required)
 - ✓ 10/100/1000 full duplex
 - ✓ USB or PS/2 mouse-powered (no external power supply required)
 - ✓ Link/Status and connection speed LEDs
 - ✓ Low Power
 - ✓ VLAN Packet Forwarding
 - ✓ RoHS Compliant
- ✓ Port Mirroring
 - ✓ 2-Port auto-negotiating (no crossover cable required)
 - ✓ 10.100.1000 full duplex (PoE-powered)
 - ✓ Link/Status and connection speed LEDs
 - ✓ VLAN Packet Forwarding
 - ✓ 9216-byte jumbo packet length forwarding at wire speed
 - ✓ RoHS compliant

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Networking



2-Port PoE gigabit Switch
011093

2-Port PoE gigabit Switch

- ✓ The CyberData 2-Port PoE Gigabit switch is designed to expand a single PoE network connection into one or two PoE network ports.
- ✓ 2-Port auto-negotiating (no crossover cable required)
- ✓ 10.100.1000 full duplex (PoE-powered)
- ✓ Link/Status and connection speed LEDs
- ✓ VLAN Packet Forwarding
- ✓ 9216-byte jumbo packet length forwarding at wire speed
- ✓ RoHS compliant

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Switchvox E – Series Appliances

Switchvox appliances give small to mid-sized companies a powerful, VoIP phone system to meet all the needs of their business in a single server.



Switchvox General Specification



	Switchvox E510	Switchvox E520	Switchvox E530	Switchvox E540
Phones	150	300	600	600
Concurrent Calls	50	100	200	200
Storage	SSD	SSD	SSD	Mirrored SSD
Integrated Dell Remote Access with Lifecycle Controller (iDRAC)	No	No	iDRAC8 Enterprise	iDRAC8 Enterprise
Power Supply	External Wall 65W	External Inline 65W	Internal 250W	Internal Redundant 350W
Installation	Wallmount Bracket	Rackmount with Shelf (sold separately)	1U Rackmount	1U Rackmount
Dimensions (D x W x H)	4.5 x 4.5 x 2.0 (in) 114 x 114 x 51 (mm)	7.2 x 7.0 x 1.2 (in) 183 x 178 x 30 (mm)	19.5 x 19.0 x 1.7 (in) 495 x 483 x 43 (mm)	24 x 19.0 x 1.7 (in) 610 x 483 x 43 (mm)
Package Weight	3.5 lbs (1.6 kg)	6 lbs (2.7 kg)	24 lbs (10.9 kg)	38 lbs (17.2 kg)
Operating Temp	0°C to +50°C	+5°C to +35°C	+10°C to +35°C	+10°C to +35°C

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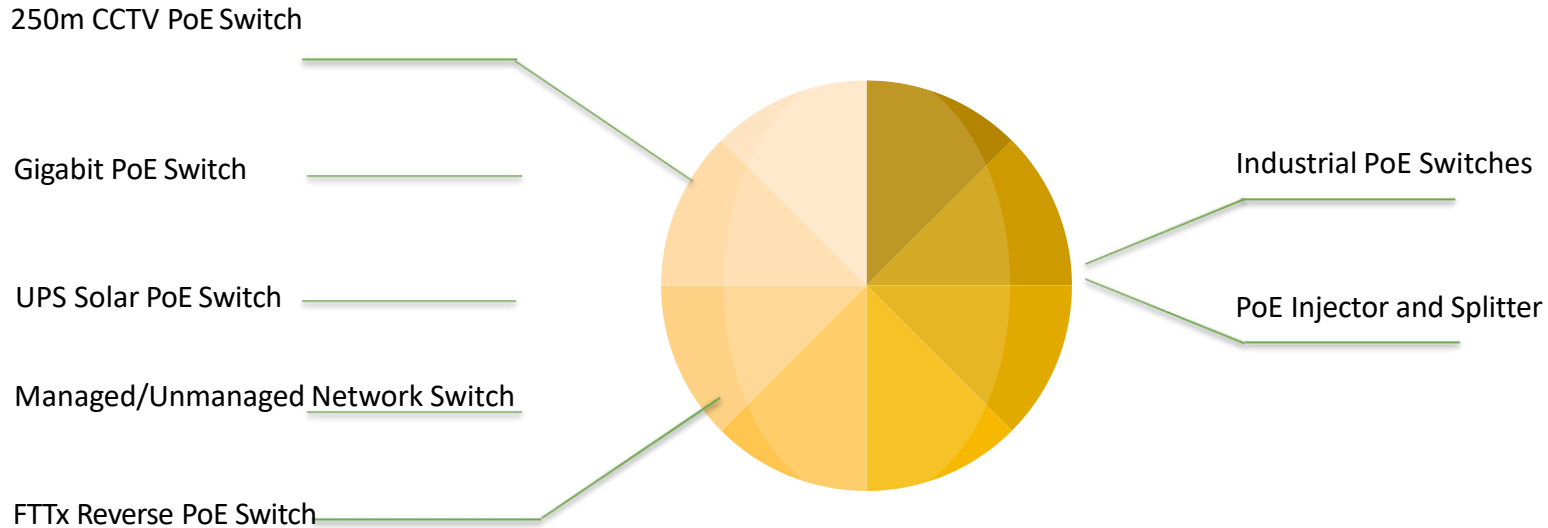


Industrial/Solar Powered/ VoIP & Surveillance PoE Switches

LAN PoE Switches



Product Lines



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250m CCTV PoE Switch



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The Advantages of 250m CCTV PoE Switch

250m Long-Range Transmission

Improve the flexibility and scalability of CCTV network.

Port VLAN Mode

Prevent the CCTV data from broadcast storm.

Double Uplink Ports

Connect to NVR directly, eliminate the bandwidth limit of router.

802.3at PoE+

Support 30W high output power, can meet more requirement of PD.



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250m CCTV Long-Range PoE Switch



Product	WI-PS205	WI-PS205H	WI-PS210	WI-PS210G	WI-PS518G	WI-526G
Ports	6FE	6FE	10FE	8FE + 2GE	16FE+2GE+1SFP	24FE+2Combo
PoE Ports	4	4	8	8	16	24
PoE Standard	802.3af/at/bt	802.3af/at	802.3af/at/bt	802.3af/at/bt	802.3af/at/bt	802.3af/at/bt
PoE Power Budget	65W	35W	120W	120W	200W	250W
Feature	250 meters PoE Port VLAN	250 meters PoE Port VLAN	250 meters PoE Port VLAN	250 meters PoE Port VLAN	250 meters PoE	250 meters PoE Port VLAN
Camera QTY Support(5MP)	4	4	8	8	16	24
Ping Watchdog	YES	NO	YES	YES	YES	YES
Hi PoE 60W	Port 1	No	Port 1	Port 1	Port 1,2	Port 1,2

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VoIP Exclusive PoE Switch

Unmanaged Fast Ethernet PoE Switches

QoS

VLAN

250m

100 Mbps

- ✓ Standard PoE 802.3 af / at
- ✓ PoE up to 30W per port
- ✓ QoS based port
- ✓ 250m Long-Range transmission
- ✓ Port VLAN
- ✓ Internal power supply



WI-PS505V
WI-PS510V
WI-PS518GV
WI-PS526GV



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VoIP Exclusive PoE Switch



Product	WI-PS505V	WI-PS510V	WI-PS518GV	WI-PS526GV	WI-PS150GFV
Ports	6FE	10FE	16FE+2GE+1SFP	24FE+2Combo	48FE+2Combo
Output Power	30W	65W	150W	65W	300W
250meters	Yes	Yes	Yes	Yes	
Port VLAN	Yes	Yes	Yes	Yes	

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Gigabit Ethernet PoE Switches – Unmanaged/Managed

Unmanaged

Port
VLAN

1000 Mbps

- ✓ Standard PoE 802.3 af / at
- ✓ PoE+ power up to 30W of per port
- ✓ Port VLAN
- ✓ Model with Internal power adapter
- ✓ Budget price category

Managed

L2

1000 Mbps

- ✓ Standard PoE 802.3 af/ at
- ✓ PoE+ power up to 30W of per port
- ✓ WEB / CLI / SNMP management
- ✓ Functional L2 - VLAN, QoS, IGMP Snooping, STP/RSTP/MSTP, ACL, Security
- ✓ Model with Internal power adapter
- ✓ Budget price category

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Gigabit Ethernet PoE Switches – Unmanaged/Managed



Product	WI-PS305G	WI-PS308G	WI-PS318GF	WI-PS326GF
Ports	5GE	8GE+2GE	16GE+2SFP	24GE+2SFP
PoE Ports	4	8	16	24
Power Budget	65W	120W	350W	400W
Port VLAN	YES		YES	YES



Product	WI-PMS310GF	WI-PMS312GF	WI-PMS318GF	WI-PMS320GF	WI-PMS326GF	WI-PMS328GF
Ports	8GE+2SFP	8GE+4Combo	16GE+2SFP	16GE+2Combo	24GE+2SFP	24GE+4Combo
PoE Ports	8*1000M	8*1000M	16*1000M	16*1000M	24*1000M	24*1000M
Power Budget	150W	150W	350W	350W	400W	400W
MAC Address Table	4K	4K	8K	8K	8K	8K
Advanced Features	QoS, IGMP Snooping, LACP, QVLAN, SNMP, STP/RSTP, DHCP Snooping, IP-MAC-Port-VID Binding					

UPS Solar PoE Switch

PoE switches, power and recharging from the solar energy.

Renewable Energy, Intelligent PoE&UPS
No-break All come in one!

60W PoE

60°C
-20°C

Green Networking

6KV

24V/48V

Wi-Tek 5GE+1SFP UPS PoE Switch

60W PoE 30W PoE 30W PoE Auto PoE Auto PoE

PoE Link PoE Link PoE Link PoE Link PoE Link

1 2 3 4 5 6

4B 5B 6 BOT
4A 5A PW BIN

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UPS Solar PoE Switch



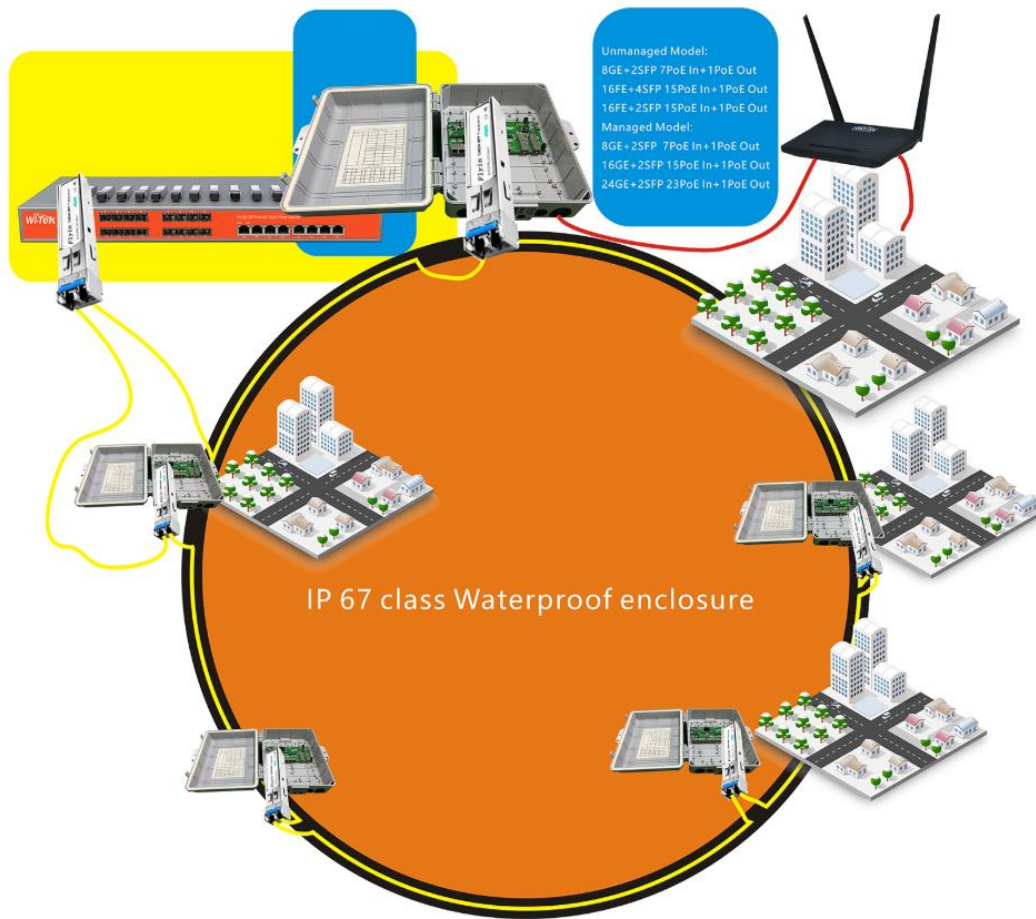
	WI-PS306GF-UPS	WI-PMS310GF-UPS+
Number of ports FE, POE	5	8
PoE Standard	802.3af/at, passive PoE 24V	802.3af/at, passive PoE 24V
PoE 60W Port	Yes	
Number of SFP ports	1	2
PoE Budget	120W	150W
Battery Input	12V, 5-50A	24V, 10-100A
Solar panels	15-32V 50W up	24-36V 250W up
L2-Functional		Yes
MAC Address Table	8k	16k

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FTTx Reverse PoE Switches



Wi-Tek Reverse PoE technology has intelligent power management features to provide a centralized, uninterrupted outdoor PoE solution for FTTx ISP/WISP project. It build a multi-user sharing network to reduce the cost for WISP in rural area. It's also provide an eco-friendly solution, once one of the users initiates a network request, the ISP device is awakened to provide a timely and uninterrupted network service, while there is no request from end-users, the device turn to sleep mode and does not consume electricity.

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FTTx Reverse PoE Switches



Product	WI-PS108R	WI-PS308GR	WI-PMS310GFR
Ports	8FE	8GE	8GE+2SFP
PoE In	7	7	7
PoE Out	1	1	1
Port VLAN Mode	Yes	Yes	
L2Management			Yes

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Industrial PoE Switches



Product	WI-PS206-I	WI-PS306GF-I	WI-PS310GF-I
Ports	4FE+2FE	4GE+2SFP	8GE+2Combo
PoE Ports	4x100Mbps	4x1000Mbps	8x1000Mbps
PoE Standard	802.3af/at	802.3af/at	802.3af/at
PoE Power	65W+	65W+	150W+
PoE PIN	1,2+/3,6-	1,2+/3,6-	1,2+/3,6-
L2 Manageable	No	No	No
Exchange Capacity	12Gbps	12Gbps	24Gbps
MAC Address Table	2K	4K	8K

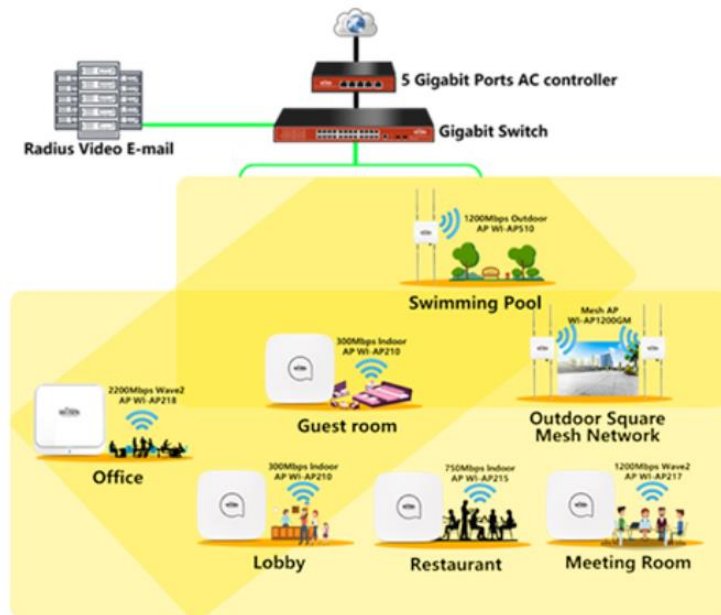
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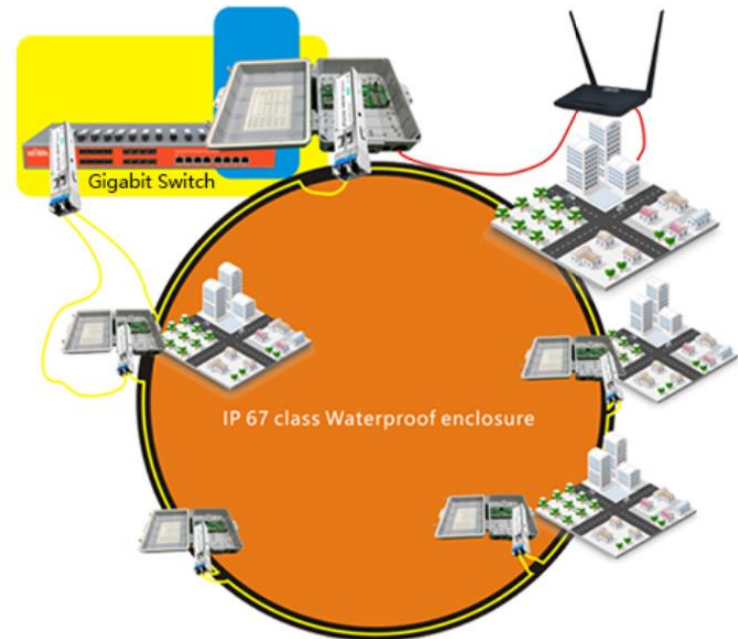
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L2 Managed/Unmanaged Gigabit Network Switches

○ Wireless Network Application



○ FTTx Application



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L2 Managed/Unmanaged Gigabit Network Switches



WI-SG108	WI-SG116F	WI-SG124F
8GE	16GE+2SFP	24GE+2SFP
Yes	Yes	Yes
	Yes	Yes



Product	WI-MS310GF	WI-MS318GF	WI-MS326GF	WI-GS5024
Ports	8GE+2SFP	16GE+2SFP	24GE+2SFP	18SFP+
L2 Management	Yes	Yes	Yes	Yes
Advanced features	QoS, IGMP Snooping, QVLAN, SNMP, LACP, Port Mirroring, STP/RSTP, IP- MAC-Port-VID Binding			

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PoE Injector and Splitter, Extender/ Gigabit SFP Fibre Module



WI-PoE31/51/55-48V-60W

- ✓ 2FE PoE Injector with 2*RJ45 Port
- ✓ 2GE PoE Injector with 2*RJ45 Port
- ✓ 2GE PoE Injector with 2*RJ45 Port(60W)
- ✓ Support camera, wireless AP, and IP phone etc.
- ✓ All ports support wire speed switch, jumbo frame transmission.
- ✓ Support 802.3af/at PoE Out
- ✓ Plug and play, self-adaption.
- ✓ AC IN 100-220V



WI-PE51E

- ✓ 4FE PoE Output + 1 FE PoE
- ✓ Input +1FE uplink port poe extender.
- ✓ Hi-PoE



WI-SFP10-3/20KM

- ✓ 3/20KM 1.25Gbps Single Fiber module Transceivers
- ✓ Tx1310nm/Rx1550nm and Tx1550nm/Rx1310nm FP/DFB SFP
- ✓ Distance up to 3/20km over SMF
- ✓ Simplex SC connector
- ✓ Compliant with SFP MSA
- ✓ Digital Diagnostic Monitoring
- ✓ Hot-pluggable SFP footprint

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Call Center Solutions

All Features
IVR/ACD/Call Reports
/Call Recording/Voice Mail
/Call Center Queues



What to look for in Call Center Software



Call Center Queues

With visibility into call queues, you can see who is handling calls and who is available to take calls, increasing the productivity of your agents. Because they are handling more than phone calls, you'll want one system that lets you manage calls, chat, email and more.



IVR

IVRs are sophisticated auto attendants that can perform basic tasks such as fielding answers to yes/no questions without requiring the time of your team members. They can also perform tasks such as refilling prescriptions, taking payments, and surveying callers.



Automatic Call Distributor (ACD)

In a call center phone system, callers are typically placed in a queue in the order in which they call. These call queues are then assigned to the appropriate agent or agents. An Automatic Call Distributor (ACD) essentially handles the distribution of calls by assigning each call a priority level then sending them into the right call queues. ACDs use factors such as order, urgency, importance, and more to determine call priority. These factors ultimately serve as a part of a larger "queue strategy", which can vary depending on your call center's preference.



Call Reporting

With on demand or scheduled reports, you can get graphs and statistics on call volume, average wait times, call performance, etc. This allows you to know how to route calls during off-hours or how to appropriately staff your business to handle the call volume. With access to the data, you'll be able to monitor the trends that are affecting your business, so you can make corrections and manage your business more effectively.

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What to look for in Call Center Software



Call Recording

When you take a relatively large number of calls on a daily basis, it's important to have documentation of those calls. Having the ability to record calls enables call centers to reference calls during customer resolution situations as well as during training. A quality call center software solution will typically come with the capability to record calls both manually and automated based on a schedule or set of rules.



Call Center Presence Indicators

One important aspect of running a call center of any size is the importance of being able to see the real-time status of individual call center members. It's important for the rest of the team to know whether individuals are on the phone or otherwise unavailable. It saves time and makes the call center team as a whole more productive. A good call center app should let each member set his/her own presence, log in and out of a queue, and even leave a note about when they'll return.



Integrated Chat

Similar to customer service chat, call center software's integrated chat provides internal communications between managers and team members. This eliminates the need for third party chat services when employees and administrators want to communicate with one another.



Voicemail Management

Things can get hectic sometimes within call centers, and it's not always possible to answer every call. When an agent can't get free to answer a call, good call center apps should enable other team members to drag and drop calls directly to their voicemail from a web interface. Another useful feature many call center phone systems come with is the ability to automatically send voicemails to email. This makes it easy to check emails directly from your desktop or mobile device, which further streamlines operations and customer experience.

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What to look for in Call Center Software



Call Center Training Tools

When you manage a team of call center agents, it's important to be able to provide a consistent level of service from one agent to the next. To do so, you'll want to make sure your call center software comes with training tools such as monitor, whisper, and barge.

Monitor, whisper and barge features let you monitor calls for improved customer experiences, make comments to your agent while they're in calls without the third party hearing, or barge in on a call to help the caller and your agent.



Caller Experience Features

Everyone knows waiting on hold can be extremely frustrating, especially if you're calling in for support or customer service. When a caller is waiting for a representative, the small details can make a world of difference in their experience - and ultimately their attitude.

A good call center phone system should play a mix of music, marketing messages, and call queue status messages. Status messages, for example, let the caller know approximately how much longer he or she will have to wait. If their wait time is long, some call queueing systems will even offer the caller an opportunity to leave a callback number so they can hang up and go about their day until an agent is available. This is called virtual queueing, and it can be a very effective way to avoid or alleviate tension with perturbed callers.

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Component




- ❖ IVR
- ❖ Predictive Dialer
- ❖ ACD with Intelligent Routing
- ❖ Voice Logger
- ❖ Quality Management
- ❖ CTI/ CRM
- ❖ Historical Reporting (with Reportika)
- ❖ Nodeflow Designer
- ❖ Multi-Media support
- ❖ VAS (IVR & OBD)
- ❖ Real-time analytics (Stats Manager API,
- ❖ Wallboard/Dashboard)

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Esteemed Customers


Real Estate




Education & Healthcare




BFSI




E-Commerce & Enterprise




Manufacturing Units



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THANK YOU!