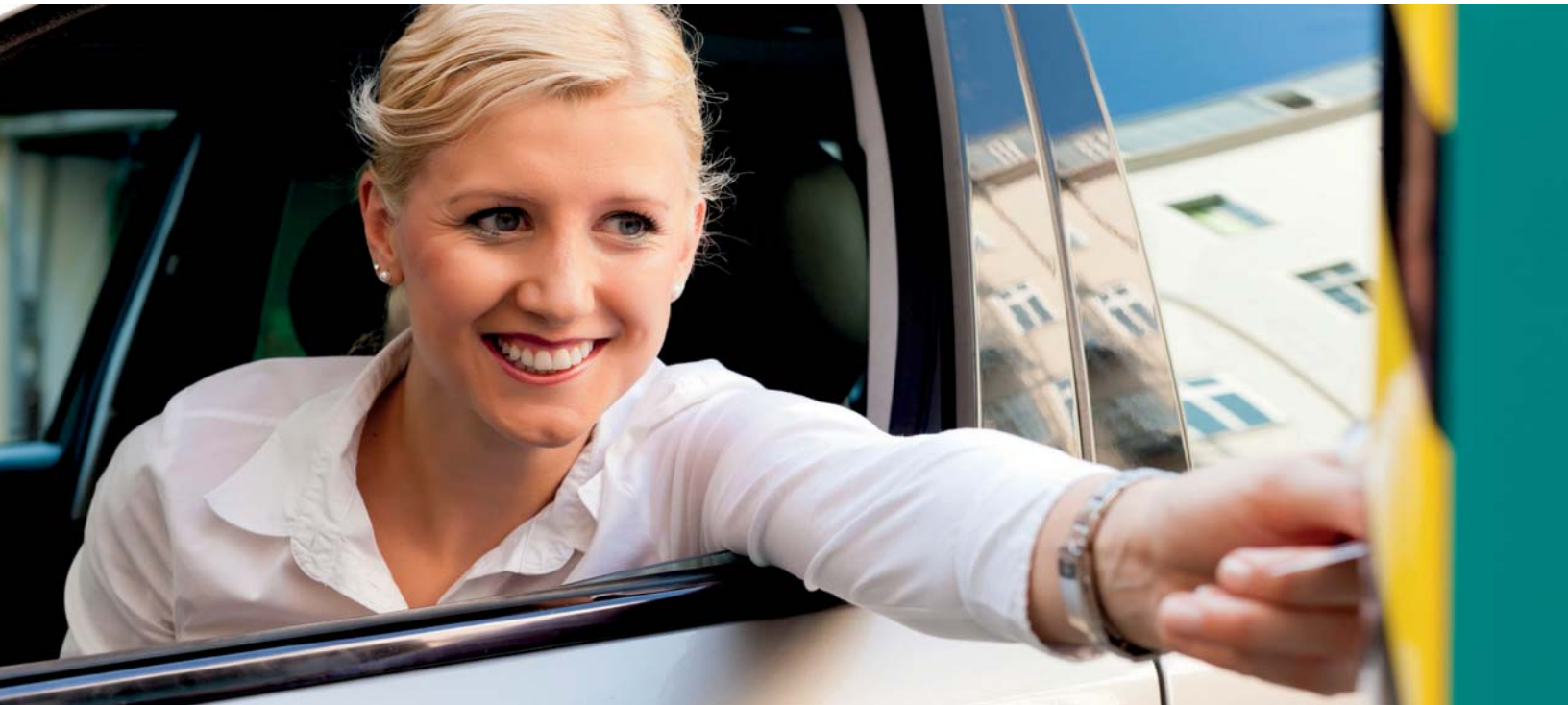




2N® Helios IP Video Kit

Video surveillance for any device



Give your customers full visual control



Imagine a visitor to a shopping centre stuck at the car park exit because he overstayed the allocated time limit. In this difficult situation, he would undoubtedly be grateful for the ability to contact a competent person directly from the device he is standing next to. The car park attendant would also be able to see the whole situation on his video telephone display or computer, helping him prevent the customer from driving away without paying.

The ideal solution for situations like this is the 2N® Helios IP Video Kit OEM intercom, mounted by the car park exit ramp. Its features will expand the functionality of your device, giving it video and audio communication capability, putting you way ahead of your competitors.

The 2N® Helios IP Video Kit has several sophisticated software functions, which can be easily set up to complement your current system as effectively as possible, offering your customers the highest comfort. Two analogue cameras, buttons, keyboards, LED indicators, a microphone and speaker or even headphones can all be easily connected, for reliable video surveillance.

Why to choose the 2N® Helios IP Video Kit?

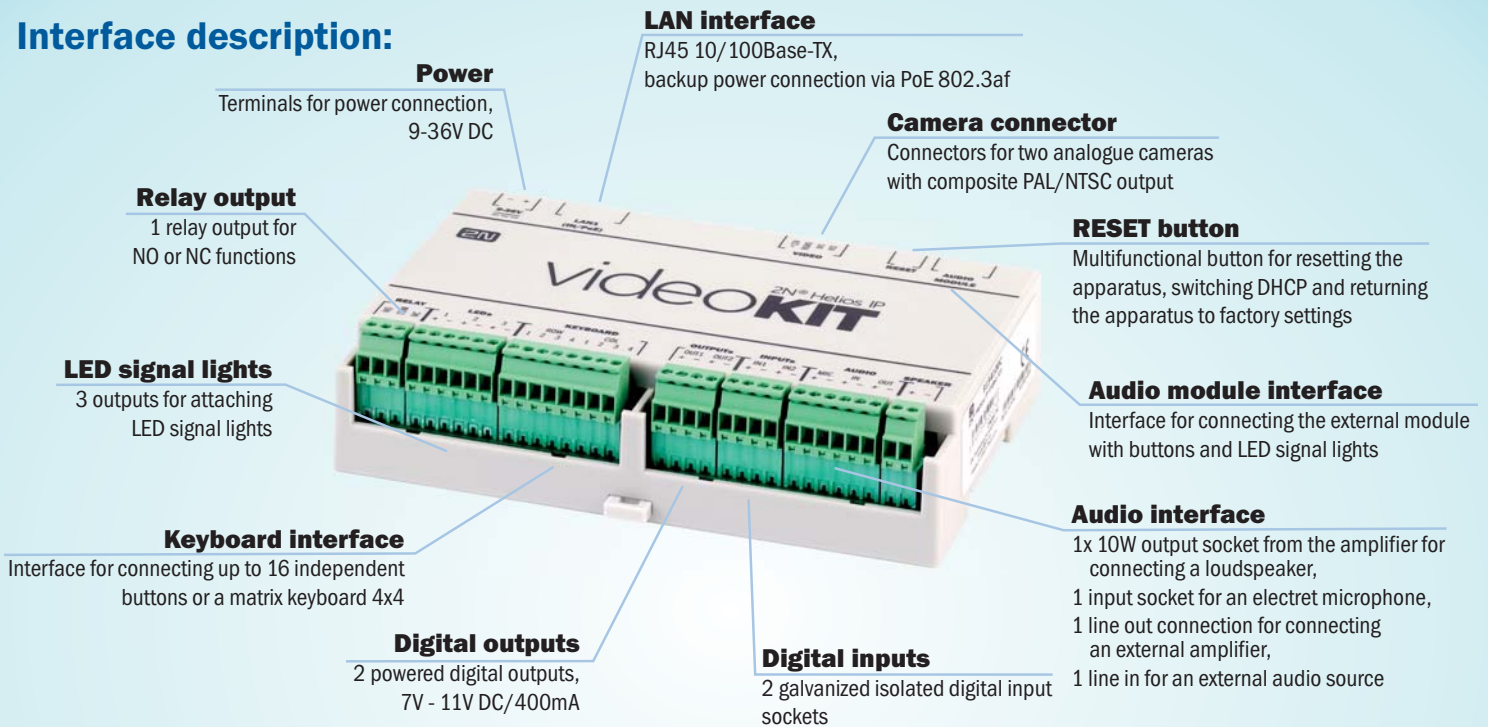
- VoIP communication via SIP 2.0
- Installation and set up via web interface
- Use of LAN/WAN networks
- Integration with video surveillance systems via ONVIF
- Inputs and outputs for on-site control
- Power supply via adapter or PoE

Use:

- Parking systems
- Information points
- Emergency communication points
- Industrial furnishings
- Cash dispensers



Interface description:



Accessories possible:



Illuminated button

Microphone

Loudspeaker

Wall-mounting bracket or on DIN rail

Technical parameters:

Protocols supported		SIP 2.0 (UDP), ONVIF
Audio stream		
Protocols		RTP/RTSP
Codecs		G.711, G.722
Volume control		adjustable with automatic adaptive settings
Full duplex		Yes (AEC)
Power source		
From external source		Type 12V DC (9 - 36V DC), max. 2A
PoE		802.3af (Class 0 - Max. 12.95W)
LAN interface		
Number of LAN interfaces		1
PoE		802.3af
Parameters		10/100BASE-TX with Auto-MDIX, RJ-45
Recommended cable sizes		Cat-5e or better
Audio interface		
Microphone input		Normal electret microphone
Amplifier output		Class D amplifier, MONO output socket, THD < 1% Max. 10W/4Ω Max. 5W/8Ω Max. 2,5W/16Ω
Line out socket		600Ω
Video input		
Maximum number of cameras		2 analogue cameras
Type of input		Composite PAL/NTSC
Button/keyboard interface		
Number of buttons		Up to 16 independent buttons in 4 x 4 matrix
Matrix outputs		4 (ROW1-4 terminals) $U_{out} < 0,1V (L), U_{out} > 3,2V (H), \text{max. } 8mA$
Matrix inputs		4 (COL1-4 terminals) $U_{in} < 1,15 (L), U_{in} > 2,15V, \text{max. } U_{in} = 5V$
LED control outputs		
Number of outputs		3 (LED1+, LED2+ - a LED3+ - terminals)
Output current		Typ. 20mA
Output voltage		Max. 12V (see note 1)
Digital outputs		
Number of outputs		2 (OUT1+ - a OUT2+ - terminals)
Type of output		Powered output socket with short-circuit protection
Output voltage		12V (see note 1)
Active output		7V - 11V DC/400mA
Logic inputs		
Number of inputs		2 (IN1+ - a IN2+ - terminals)
Input type		Galvanized, isolated inputs (opto-isolators)
Parameters		$U_{in} < 1,1V (L), U_{in} > 3V (H), \text{max. } U_{in} = 32V$
Relay output		
Number of outputs		1 (NC, NO, COM terminals)
Limit parameters (DC)		Max. 30VDC/1A
Limit parameter (AC)		Max. 125VAC/0,3A
Mechanical properties		
Operating temperature		-40 °C - 55 °C
Operating relative humidity		10% - 95% (not-condensing)
Storage temperature		-40 °C - 70 °C
Dimensions		142x98x34 mm (order no. 9154100) 138x90x26 mm (order no. 9154101)
Weight		order no. 9154100 max. 280g, order no. 9154101 max. 150g
Protection cover grade		IP20 (order no. 9154100), IP00 (order no. 9154101)
Mounting		on wall or on DIN rail
Note: If power supply from adapter does not reach 12V, then the output voltage will be limited to voltage level supplied to the unit.		



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