Satelco
automation integration communication

- **Full duplex**
- **VoIP communication via SIP 2.0**
- **Simple electrical installation and set up via web interface**

Video surveillance for any device

The 2N® IP Video Kit is ideal for manufacturers of various devices, who want to stand out from the competition. This OEM intercom, in a compact module, can enhance any device with reliable video surveillance, and as well as visual monitoring, it can expand the functionality of your product with audio communication, remote monitoring and control.

This means there is no need for manufacturers to invest in their own development, they can simply install the 2N® IP Video Kit intercom into their systems, enhancing the device with video and audio capabilities. Like all other 2N® IP products, the Video Kit is not only compatible with switchboards made by global manufacturers, but also video surveillance systems.

The Kit comes with connectors for two analogue cameras with composite PAL/NTSC output, which you can use for video surveillance. Communication is enabled by SIP 2.0 protocol. In addition to this, thanks to a number of interfaces, it's easy to connect buttons, keypads and keyboards, LED indicators, a microphone and speaker or even headphones to the 2N® 2N IP Video Kit video intercom.

Areas of use:

- Letterbox systems
- Building facades
- Retrofit of existing intercoms
- Barrier systems / parking decks
- Cash dispensers
- Elevator
- Information points / information board

Highlights:

- VoIP communication via SIP 2.0
- Simple electrical installation and set up via web interface
- SIP rear electronics with Ethernet connection
- Connection for 2 analogue cameras
- Integration with video surveillance systems via ONVIF
- Use of LAN/WAN networks for administration, communication and control via web browser
- Connecting up to 16 buttons, inputs and outputs for one-site control
- Power supply via adapter or PoE (Power over Ethernet)

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Technical data:

IP Parameters	
Signalling	SIP 2.0 (UDP), ONVIF
Audio Codec	G.711
Audio-Protocols	RTP (G.711)/ RTSP
IP Protocols	IPv4, ARP, TCP, UDP, DHCP, HTTP/ HTTPS, SNTP, TFTP, SMTP, ONIV
Power supply	
External	12 V DC (9-36 V DC), max. 2 A
PoE (Power over Ethernet)	802.3af (Class 0 – Max. 12.95 W)
Consumption	2 W at relax
LAN Interface	
LAN	2x LAN (1+2), 10/100BASE-TX with Auto-MDIX, RJ45
	PoE 802.3af (nur LAN 1)
Recommended cabling	Cat-5e or higher
Audio Interface	
Microphone input	Standard electret microphone
Amplifier output	Class D amplifier, MONO output socket, THD < 1% Max. 10 W / 4 Ω, max. 5 W / 8 Ω, max. 2.5 W / 16 Ω
Line Out socket	600 Ω
Video Input	
Type of input	Composite PAL/NTSC
Maximum number of cameras	2 analogue cameras*
	* With the latest firmware v2.3.0 to switch between the two cameras is not yet supported. It can currently only transfer the video stream of a camera.
Button / keypad	
Number of buttons	Up to 16 independent buttons in 4×4 matrix
LED control outputs	
Number of outputs	3x (LED1+-, LED2+-, LED3+-)
Digital outputs	
Number of outputs	2x (OUT1+- und OUT+-)
Digital inputs	
Number of inputs	2x (IN1+- und IN2+-)
Relay output	
Number of outputs	1x (NC, NO, COM)
Mechanical properties	
Operating temperature	-40 °C bis +55 °C
Relative humidity	10 % bis 95 % (non-condensing)
Storage temperature	-40 °C bis +70 °C
Dimensions	142 x 98 x 34 mm
Weight	ca. 280 g
Protection class	IP 20
Mounting	Wall mounting or DIN rail mounting (TS 35 DIN rail)

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