IP (VIP) SYSTEM

MODULE FOR EXTERNAL UNIT

EU8020

VIP AUDIO/VIDEO UNIT



Audio/video unit for use in the creation of Comelit and/or third-party single-piece entrance panels, IP (ViP) system. The audio/video unit is powered via standard POE, art. 1440A or art. 1595. Easy to configure, thanks to the smart programming of call buttons. Twilight sensor for automatic nameplate backlighting power-off during daytime hours. Omnidirectional digital microphone for high-fidelity audio. Wide-angle colour video camera (field of vision: 160° horizontal, 90° vertical) with LED for night-time lighting. Audio-visual indications for disabled individuals, assistance request can be activated via programming. Equipped with 4 inputs for smart buttons art. 3061S or 1 input for the connection of traditional buttons. Fully configurable with ViP Manager software and compatible with all ViP system functions and products. Dimensions (L x H x D): 110 x 65 x 50 mm.

EU8020

VIP AUDIO/VIDEO UNIT

GENERAL DATA	
Width (inch) (in)	4.33
Height (inch) (in)	2.2
Depth (inch) (in)	1.77
Product weight (oz) (oz)	5.29
Product color	White RAL9003
Type of finishing materials	Polycarbonate Makrolon 2407

COMPATIBLE SYSTEMS	
Vip system	Yes

AUDIO FEATURES	
Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (ø), 8 Ohm, 1W
Technologies implemented	Echo canceling, Noise reduction
Audio compression	G.711 A-Law

CAMERA FEATURES	
Camera	Colors
Sensor type	1/2.7" CMOS - 2MP
Lens optical dimensions (in)	0.06
Angle of view (H x V - °)	160 x 90
Sensitivity	0.1 (color)
Video resolution	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
Maximum number of RTSP clients	4
RTSP resolutions	1024x608, 800x480, 480x272, 320x240

ELECTRICAL CHARACTERISTICS

The technical specifications are subject to change without prior notice.

EU8020

VIP AUDIO/VIDEO UNIT

Type of power supply	PoE, External power supply
Supply voltage	33VDC
PoE power supply	36÷57VDC, standard PoE, Comelit PoE (56VDC)
PoE class	Class 0
Absorption in stand-by (W)	2.5
Maximum absorption (W)	6

HARDWARE FEATURES

Clamps	P1 C RTE RX+ RX- TX+ TX- + - V+ V- SE+ SE-NO CON NC
Removable terminals	Yes
Number of inputs (n°)	1
Number of outputs (n°)	2
Type of outputs	Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm)
Communication ports	Ethernet
Twilight sensor	Yes

SETTINGS

Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes
Recording area	Yes

NETWORK AND COMMUNICATION PROTOCOLS

Type of LAN network	Ethernet 10 Mbit/s
IP address assignment	DHCP, AUTO IP, static IP
Protocols supported	DHCP, IPv4, NTP, RTSP, DNS, MQTTS

PROGRAMMING MODE

ViP Manager software	Yes

The technical specifications are subject to change without prior notice.

EU8020

VIP AUDIO/VIDEO UNIT

ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating (with product installed)	IP65
IK vandal-resistance rating (with product installed)	IK08
Operating temperature (°F)	-13 ÷ 131
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
Certifications	RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011)

MAIN FUNCTIONS	
Door opener	Yes
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Door open signaling input	Yes
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes

The technical specifications are subject to change without prior notice.