UT8020

IP (VIP) ULTRA AUDIO/VIDEO MODULE

Audio/video module for Ultra entrance panel, IP (ViP) system. Twilight sensor for automatic nameplate backlighting power-off during daytime hours. Omnidirectional digital microphone and dual loudspeaker for high-fidelity audio. Wide-angle colour video camera (field of vision: 160° horizontal, 90° vertical) Audio-visual indications for disabled individuals assistance request can be activated via programming. Facility for 2 call buttons. To be finished with a cap, single button or double button in professional-grade plastic given an anti-yellowing and anti-dulling treatment or in aluminium. Regulation and programming without removing the module. Dimensions: 1 Ultra module. ULTRA, the new and most technologically advanced entrance panel offering maximum ease of installation. Available in flush-mounted (10 mm protrusion from the wall) or surface-mounted (just 35 mm protrusion from the wall) variants. Dimensions: 100x90x35 mm

AWARDS

DESIGN
MILANO

UT8020

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GENERAL DATA	
Type	Modular
Height (inch) (pc)	21.26
Width (inch) (pc)	23.62
Depth (inch) (pc)	8.27
Product color	Aluminium, Black RAL9005, Transparent
Product weight (oz) (oz)	12.35
Type of finishing materials	Polycarbonate, Aluminium alloy
Flush-mounted	Yes, with a dedicated accessory
Wall-mounted	Yes, with a dedicated accessory

COMPATIBLE SYSTEMS	
Vip system	Yes

AUDIO FEATURES	
Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Full-Duplex
Audio compression	G.711 A-Law

CAMERA FEATURES	
Camera	Colors
Sensor type	1/3" CMOS
Lens optical dimensions (pc)	0.38
Angle of view (H x V - °)	160 x 90
Video resolution (H x V - pixel)	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
Maximum number of RTSP clients	4
RTSP resolutions	1024x608, 800x480, 480x272, 320x240

Technical specifications are subject to change without prior notice and refer to the latest version of the product released.

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ELECTRICAL CHARACTERISTICS	
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	
Call type	Push-buttons
Type of buttons	Mechanical
Number of push-buttons (n°)	2
Backlight color	White, Off
Clamps	TX- TX+ RX- RX+ V- V+ RTE GND/SE- SE+ COM NC NO
Number of inputs (n°)	1
Number of outputs (n°)	2
Type of outputs	Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak)
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	Auto IP, DHCP, Static
Protocols supported	DHCP, IPv4, NTP, RTSP, DNS, MQTTS

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PROGRAMMING MODE	
ViP Manager software	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating	IP65
Vandal Resistant rating (IK code)	IK08
Operating temperature (°F) (°F)	-13 ÷ 131
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
CE certifications	RoHS II - 2011/65/UE (EN 50581:2012), 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°)	2
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