UT8020B

ULTRA AUDIO/VIDEO MODULE, BLACK, IP (VIP)



Audio/video module for Ultra entrance panel, colour black RAL9005, 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. 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 (L x H x D): 100 x 90 x 35 mm.

AWARDS

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GENERAL DATA	
Type	Modular
Height (mm)	90
Width (mm)	100
Depth (mm)	35
Product color	Black RAL9005, Transparent
Product weight (g)	395
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	Echo canceling, Noise reduction
Audio compression	G.711 A-Law

CAMERA FEATURES	
Camera	Colours
Sensor type	1/2.7" CMOS - 2MP
Lens optical dimensions (mm)	1.6
Angle of view (H x V - °)	160 x 90
Video resolution	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
Maximum number of RTSP client	4
RTSP resolutions	1024x608, 800x480, 480x272, 320x240

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ELECTRICAL CHARACTERISTICS

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

HARDWARE FEATURES

Call type	Push-buttons
Type of buttons	Mechanical
Number of push-buttons (n°)	2
Number of push-buttons (n°)	2
Backlight colour	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), 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

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SETTINGS	
Loudspeaker volume	Yes
Microphone volume	Yes
Microphone volume	Yes
Backlight brightness	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

PROGRAMMING MODE	
ViP Manager software	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES	
Operating humidity (RH max) (%)	25 ÷ 95
IP protection rating	IP65
Vandal Resistant rating (IK code)	IK08
Environmental class	IV
Operating temperature (°C)	-25 ÷ 55
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
CE 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

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MAIN FUNCTIONS	
Door open signaling input	Yes
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes

GENERAL FEATURES	
Backlight colour	White, Off
Call type	Push-buttons
CE 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)
Door opener	Yes
IP protection rating	IP65
IP address assignment	Auto IP, DHCP, Static
Input for local door release button	Yes
Door open signaling input	Yes
Number of inputs (n°)	1
Number of auxiliary relays (n°)	2
Type of buttons	Mechanical
Number of outputs (n°)	2
Communication ports	Ethernet
Acoustic signals of system status	Yes
Visual indications of system status	Yes
Twilight sensor	Yes
Speech synthesis of system status	Yes
ViP Manager software	Yes
Technologies implemented	Echo canceling
Type of LAN network	Ethernet 10 Mbit/s
Sensor type	1/3" CMOS
Type of outputs	Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak)

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