

**UT8020W****ULTRA IP AUDIO/VIDEO MODULE (ViP), WHITE**

Audio/video module for Ultra entrance panel, colour white RAL9016, 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) and LED for night-time lighting. 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 weight (g)	395
Product color	White RAL9016, Black RAL9005, Transparent
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
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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
Sensitivity	0.1 (colour)
Video resolution	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
Maximum number of RTSP client	4



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CAMERA FEATURES

RTSP resolutions	1024x608, 800x480, 480x272, 320x240
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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 colour	White, Off
Clamps	TX- TX+RX- RX+V- V+RTE GND 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
Microphone volume	Yes
Backlight brightness	Yes
Recording area	Yes



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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
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ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP65
Vandal Resistant rating (IK code)	IK08
Operating temperature (°C)	-25 ÷ 55
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