

**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) 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**



**UT8020B**

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

**GENERAL DATA**

Type	Modular
Height (mm)	90
Width (mm)	100
Depth (mm)	35
Product weight (g)	395
Product color	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
------------	-----

**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



**UT8020B**

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

**CAMERA FEATURES**

RTSP resolutions	1024x608, 800x480, 480x272, 320x240
------------------	-------------------------------------

**ELECTRICAL CHARACTERISTICS**

Absorption in stand-by (mA)	2.5
Type of power supply	PoE, External power supply
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
PoE class	Class 0
Maximum absorption (W)	6
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



**UT8020B**

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

**SETTINGS**

Loudspeaker volume	Yes
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
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



**UT8020B**

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

**MAIN FUNCTIONS**

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

**GENERAL FEATURES**

Backlight colour	White, Off
Call type	Push-buttons
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



**UT8020B**

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

**GENERAL FEATURES**

Type of outputs

Relay (C-NO-NC, 4A@12÷24 VAC/VDC, 10A peak)