

**UT2020W****ULTRA AUDIO/VIDEO MODULE, WHITE, SIMPLEBUS2**

Audio/video module for Ultra entrance panel, colour white RAL9016, Simplebus 2 system. To be used in systems with power supply unit art. 1210 / 1210A. Easy to install and configure, thanks to smart call button programming. 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: 120° 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 weight (g)	350
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**

Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
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**AUDIO FEATURES**

Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Full-Duplex

**CAMERA FEATURES**

Camera	Colours
Sensor type	1/3" CMOS
Lens optical dimensions (mm)	1.79
Angle of view (H x V - °)	120 x 90
Sensitivity	0.45
Video resolution	1288x968

**ELECTRICAL CHARACTERISTICS**

Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC



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**ELECTRICAL CHARACTERISTICS**

Absorption in stand-by (W)	1.5
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	L L V+ V- COM NC NO SE+ SE-/GND RTE TX- TX+ RX- RX+
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	Micro-USB
Twilight sensor	Yes

**SETTINGS**

Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes

**PROGRAMMING MODE**

Manual programming (via Dip Switch)	Yes
ViP Manager software	Yes

**ENVIRONMENTAL AND COMPLIANCE FEATURES**

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



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### ENVIRONMENTAL AND COMPLIANCE FEATURES

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