



**UT2090**

**ULTRA SB2 VIDEO+TOUCH COMPLETE ENTRANCE PANEL**



Ultra series flush-mounted audio/video entrance panel with 5" touch-screen module, for Simplebus 2 system. To be used in systems with power supply unit art. 1210 / 1210A. Twilight sensor for touch-screen backlighting management. Omnidirectional digital microphone and dual loudspeaker for high-fidelity audio. Wide-angle colour video camera with 120° horizontal and 90° vertical field of vision. Audio-visual indications for disabled individuals assistance request. 5" capacitive display with high visibility and impact-proof glass, plus white or black theme selection. Easy-to-use graphic interface, can be customised with virtual call buttons or with a number keypad to call users when the relevant code is known. Access control function with activation of the audio or audio/video module outputs and the system actuators. Buttons can be customised for direct calls to the switchboard, commercial activities with corresponding logos and to display welcome messages. Has a Wiegand output for interfacing with access control systems, an RFID reader for activation of an opening using keys or Comelit cards and a Bluetooth connection. Consists of audio/video module art. UT2020, Touch module art. UT9270, frame art. UT9163 and flush-mounted box art. 3110/3. 10 mm protrusion from the wall. Dimensions (L x H x D): 125.5x317.5x55 mm.

**AWARDS**



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DESIGN  
MILANO





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**GENERAL DATA**

Type	Modular
Height (mm)	317.5
Width (mm)	125.5
Depth (mm)	35
Product weight (g)	2000
Product color	Aluminium, Black RAL9005
Flush-mounted	Yes

**COMPATIBLE SYSTEMS**

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

Display type	TFT
Display size (")	5
Touch screen	Yes, capacitive
Resolution (pixel)	800x480

**AUDIO FEATURES**

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

**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 (lux)	0.45



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**ELECTRICAL CHARACTERISTICS**

Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC
Absorption in stand-by (W)	4.5
Maximum absorption (W)	9.5

**HARDWARE FEATURES**

Call type	Push-buttons, Digital
Type of buttons	Capacitive
Backlight colour	White, Black
Clamps	L L V+ V- COM NC NO SE+ SE-/GND RTE TX- TX+ RX- RX+ D1+ D1- D2+ D2- GND D0 D1 GND IN
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)
Integrated proximity reader	RFID Mifare Classic
Communication ports	Micro-USB, 1 x Wiegand, 2 x RS485, Ethernet
Twilight sensor	Yes

**SETTINGS**

Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes

**NETWORK AND COMMUNICATION PROTOCOLS**

Type of LAN network	Ethernet 10 Mbit/s
Bluetooth	Yes
Wiegand	Keypad: 4 bits for each digit, without parity, adding the "B" digit at the end. Comelit Cards/Keys: 26 bit



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**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
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
Input for local door release button	Yes
Door open signaling input	Yes
Access control via proximity reader	Yes
Access control via door opener code	Yes
No. of storable users (n°)	4000
Number of door opener codes (n°)	4000
Number of storable proximity keys	4000
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes
Customizable welcome message	Yes
	Yes
Customisable image of the button	Yes

**GENERAL FEATURES**

Switchboard call function	Yes
Actuator control function	Yes