



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
Type of finishing materials	Polycarbonate, Aluminium alloy
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	0.45



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ELECTRICAL CHARACTERISTICS

Type of power supply	External power supply
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	Access codes: 26 bits max (4 bits for each digit, 2 parity bits, big endian). Comelit Cards/Keys: 34 bits max (32 payload bits, 2 parity bits, big endian)



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PROGRAMMING MODE

ViP Manager software	Yes
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ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP65
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Vandal Resistant rating (IK code)	IK08
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Operating temperature (°C)	-25 ÷ 55
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Operating humidity (RH max) (%)	25 ÷ 95
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Environmental class	IV
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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)
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MAIN FUNCTIONS

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

Switchboard call function	Yes
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Actuator control function	Yes
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