UT1090

ULTRA SB1 VIDEO+TOUCH COMPLETE ENTRANCE PANEL

Ultra series flush-mounted audio/video entrance panel with 5" touch-screen module, for Simplebus 1 system. For use in systems with power supply unit art. 1595. 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. UT1020, 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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Comelit
Passion.Technology.Design.

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GENERAL DATA

Type	Modular
Product height (inch) (pc)	75
Product width (inch) (pc)	29.65
Product depth (inch) (pc)	8.27
Product weight (oz) (oz)	70.55
Product color	Black RAL9005, Aluminum
Material	Polycarbonate, Glass, Aluminium alloy
Flush-mounted	Yes

COMPATIBLE SYSTEMS

Audio/video Simplebus 2 with power supply art. 4888CU	Yes

DISPLAY FEATURES

Display type	TFT
Size (inches) (")	5
Touch screen	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	Colors
Sensor type	1/3" CMOS
Lens (pc)	0.42
Angle of view (H x V - °)	120 x 90
Sensitivity (lux)	0.45

Technical specifications are subject to change without prior notice and refer to the latest version of the product released.

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CAMERA FEATURES

Resolution (H x V - pixel)	1288 x 968

ELECTRICAL CHARACTERISTICS

Type of power supply	External power supply
Supply voltage	33VDC
Absorption in stand-by (W)	4.8
Maximum absorption (W)	9.3

HARDWARE FEATURES

Call type	Push-buttons, Digital
Type of buttons	Capacitive
Backlight color	White, Black
Clamps	L L V+ V- COM NC NO 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
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

ENVIRONMENTAL AND COMPLIANCE FEATURES

Protection rating (IP code)	IP65
Vandal Resistant rating (IK code)	IK08
Operating temperature (°F) (°F)	-13 ÷ 131
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
CE certifications	RoHS II - 2011/65/UE (EN 50581:2012), 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
Customizable welcome message	Yes
Customisable image of the button	Yes

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FEATURES	
Switchboard call function	Yes
Actuator control function	Yes
Customizable screensaver	Yes
Acoustic signalling	Yes
Visual signalling	Yes
Speech synthesis	Yes

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