UT8090S

ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

Ultra series flush-mounted audio/video entrance panel with 5" touch-screen module, for IP (ViP) system. Twilight sensor for touch-screen backlighting management. Omnidirectional digital microphone and dual loudspeaker for high-fidelity audio. Wide-angle color video camera with 160° horizontal and 100° 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 customized 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 customized 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 UT8020, Touch module UT9270, frame art. UT9173 frame/surface-mounted box.
Dimensions (W x H x D): 4.94" x 12.49" x 2.16"

AWARDS

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GENERAL DATA

Type	Modular
Product weight (oz) (oz)	70.55
Product color	Black RAL9005, Aluminum
Material	Polycarbonate, Glass, Aluminium alloy

DISPLAY FEATURES

Display type	TFT
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)	0.59
Angle of view (H x V - °)	160 x 100
Resolution (H x V - pixel)	1024x608 (max video stream resolution)
Video compression	H.264

ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection degree	IP65
IK vandal-proof protection degree	IK08
Operating temperature (°F) (°F)	-13 ÷ 131
Operating humidity (RH max - %) (%)	25 ÷ 95
Environmental class	IV
Compliance and 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)

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MAIN FUNCTIONS

Door Release	Yes via contacts on camera module
Access control via keypad entry	Yes
Virtual Codes	Yes, with gateway and licenses
Input for local door release button	Yes
Door open signaling input	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

FEATURES

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

SETTINGS

Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes

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NETWORK AND COMMUNICATION PROTOCOLS

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

PROGRAMMING MODE

ViP Manager software	Yes

ELECTRICAL CHARACTERISTICS

Type of power supply	PoE, External power supply
Supply voltage	33VDC
PoE power supply	Standard IEEE 802.3af, Comelit PoE (56VDC)
PoE class	Class 0

HARDWARE FEATURES

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

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