



UT8090

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 colour 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 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. UT8020, 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



DESIGN
MILANO



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GENERAL DATA

Type	Modular
Height (inch) (in)	12.5
Width (inch) (in)	4.94
Depth (inch) (in)	1.38
Product weight (oz) (oz)	70.55
Product color	Aluminium, Black RAL9005
Flush-mounted	Yes

COMPATIBLE SYSTEMS

ViP	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	Full-Duplex, Echo canceling
Audio compression	G.711 A-Law

CAMERA FEATURES

Camera	Colors
Sensor type	1/3" CMOS
Lens optical dimensions (in)	0.1
Angle of view (H x V - °)	160 x 100
Video resolution	320x240, 480x272, 800x480, 1024x608



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CAMERA FEATURES

Video compression	H.264 baseline
RTSP server	Yes
RTSP resolutions	1024x608, 800x480, 480x272, 320x240

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
Absorption in stand-by (W)	7
Maximum absorption (W)	14

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
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



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SETTINGS

Backlight brightness

Yes

NETWORK AND COMMUNICATION PROTOCOLS

Type of LAN network

Ethernet 10 Mbit/s

IP address assignment

Auto IP, DHCP, Static

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)

Protocols supported

DHCP, IPv4, NTP, RTSP, DNS, MQTTS

PROGRAMMING MODE

ViP Manager software

Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating

IP65

Vandal Resistant rating (IK code)

IK08

Operating temperature (°F)

-13 ÷ 131

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

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



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MAIN FUNCTIONS	
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