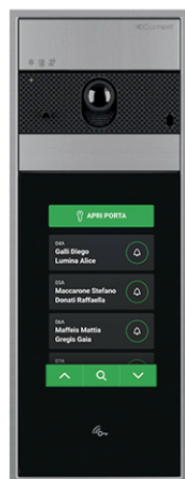




UT8090S

WALL-MNT COMPLETE VIDEO+TOUCH ULTRA ENT.PAN., VIP



Ultra series surface-mounted audio/video entrance panel with 5" Touchscreen module for IP (ViP) system. Twilight sensor for touchscreen backlighting management. Omnidirectional digital microphone and double loudspeaker for high-fidelity audio. Wide-angle colour video camera with 160° horizontal, 100° vertical field of vision. Audio-visual indications for disabled individuals assistance request. 5" high-visibility capacitive display with impact-proof glass and theme selection (black or white). User-friendly graphic interface, can be customised with virtual call buttons or a number keypad to call the user directly when the code is known. Access control function with audio or audio/video module output and system actuator activation. Option of customising the buttons for direct calls to the switchboard, commercial activities with corresponding logos and viewing welcome messages. It has a Wiegand output for interfacing with access control systems, an RFID reader for activating an opening using keys or Comelit cards, and a Bluetooth connection. Consists of audio/video module art. UT8020, Touch module art. UT9270 and surface-mounted housing art. UT9173. Just 35 mm protrusion from the wall. Dimensions (L x H x D): 110x289x35 mm.

AWARDS



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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
Wall-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	Echo canceling
Audio compression	G.711 A-Law

CAMERA FEATURES

Camera	Colours
Sensor type	1/3" CMOS
Lens optical dimensions (mm)	2.5
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 colour	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 (°C)

-25 ÷ 55

Operating humidity (RH max) (%)

25 ÷ 95

Environmental class

IV

Certifications

RoHS II - 2011/65/UE (EN IEC 63000:2018), RED 2014/53/UE (EN 62311:2008, EN 62368-1:2014, EN 61000-6-1:2007, EN 61000-6-3:2007 + A1:2011, ETSI EN 301 489-1 V2.2.0, ETSI EN 301 489-17 V3.2.0, ETSI EN 300 328 V2.1.1)

MAIN FUNCTIONS

Door opener

Yes

Number of auxiliary relays (n°)

1

Input for local door release button

Yes

Door open signaling input

Yes

Access control via proximity reader

Yes



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MAIN FUNCTIONS

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