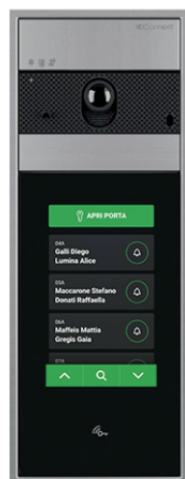




**UT8090S**

## **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**



## UT8090S

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

## 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 |
| Wall-mounted             | Yes                      |

## COMPATIBLE SYSTEMS

|     |     |
|-----|-----|
| ViP | Yes |
|-----|-----|

## 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                       | 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 |



## UT8090S

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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 |



**UT8090S**

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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), 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



**UT8090S**

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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 |