**COMELIT**
WITH·YOU·ALWAYS

**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**

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## ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

GERMAN
**DESIGN
AWARD
SPECIAL
2021**

D E S I G N
M I L A N O

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## ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

| GENERAL DATA | |
|---|---|
| Type | Modular |
| Height (mm) | 317.5 |
| Width (mm) | 125.5 |
| Depth (mm) | 35 |
| Product weight (g) | 2000 |
| Product color | Aluminium, Black RAL9005 |
| Flush-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 | Full-Duplex, 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 (H x V - pixel) | 320x240, 480x272, 800x480, 1024x608 |
| Video compression | H.264 baseline |

The technical specifications are subject to change without prior notice.

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## ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

### CAMERA FEATURES

| | |
|---|---|
| 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 |
| Backlight brightness | Yes |

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## ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

### 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 |
| 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 |
| CE 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 |
| 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 |

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## ULTRA VIP VIDEO+TOUCH COMPLETE ENTRANCE PANEL

| MAIN FUNCTIONS | |
|---|---|
| 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 |

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