



**KVU8571**

**SURF-MNT SING.-FAM. ULTRA KIT, 7TOP, 1440A, VIP**





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### **PRODUCTS IN THE KIT**



**TP6842 7TOP 7" WI-FI HANDS-FREE VIP DOOR ENT. MONITOR**

7TOP door entry monitor for VIP systems with a 7-inch colour touchscreen, equipped with a mechanical lock-release key with backlit icon. A modern, attractive design that combines sturdiness with usability. It can be surface mounted using a metal backplate (included) to ensure it is firmly and securely anchored, or desktop mounted using a special stand (available to purchase separately). It can be powered via standard POE, 1440A distributor or a dedicated 48V power supply input. There is a MicroSD card slot on the side (not included) for uploading custom ringtones. Equipped with programmable local inputs, one programmable output and one additional ringtone output. Ethernet and Wi-Fi connectivity allows you to connect to the Comelit Cloud and receive calls via app on your smartphone, even when you're not at home. Linux operating system, full-duplex hands-free audio and native support for H.264 and H.265 video formats. New icon-based graphical interface, for use in user or installer mode, customisable and easy to use. Many built-in functions, including Automatic updating, Video memo, Alarm management, Auto lock-release (Doctor), Silent mode (Privacy), Automatic answer (Hands-Free), Call divert. Dimensions (L x H x D): 210x120x21 mm Colour: White/Black or Black/Black.

#### **GENERAL DATA**

|                             |                                 |
|-----------------------------|---------------------------------|
| Height (mm)                 | 120                             |
| Width (mm)                  | 210                             |
| Depth (mm)                  | 21                              |
| Product weight (g)          | 570                             |
| Product color               | White RAL9003, Black RAL9005    |
| Type of finishing materials | ABS, Glass                      |
| Flush-mounted               | No                              |
| Wall-mounted                | Yes                             |
| Desk base-mounted           | Yes, with a dedicated accessory |

#### **COMPATIBLE SYSTEMS**



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

**DISPLAY**

|                     |                 |
|---------------------|-----------------|
| Display size (")    | 7               |
| Type of display     | TFT             |
| Aspect Ratio        | 16:9            |
| Touch screen        | Yes, capacitive |
| Resolution (pixels) | 1024x600        |

**AUDIO FEATURES**

|                          |                          |
|--------------------------|--------------------------|
| Type                     | Hands-free               |
| Induction loop function  | No                       |
| Microphone               | 6mm (Ø), Omnidirectional |
| Loudspeaker              | 36mm (Ø), 8 Ohm, 1W      |
| Technologies implemented | Full-Duplex              |

**ELECTRICAL CHARACTERISTICS**

|                            |  |
|----------------------------|--|
| Type of power supply       | PoE  |
| Supply voltage             | 37÷57 VDC (ViP)                            |
| PoE power supply           | Standard IEEE 802.3af, Comelit PoE (56VDC) |
| Absorption in stand-by (W) | 2.4  |
| Maximum absorption (W)     | 6  |

**HARDWARE FEATURES**

|                        |  |
|------------------------|--|
| Type of buttons        | Mechanical   |
| Service buttons        | Lock-release                                       |
| Clamps                 | AL, GND, CFP, PAN, IN1, OUT1, S+, S-/GND // V+, V- |
| Removable terminals    | Yes  |
| Number of inputs (n°)  | 4  |
| Number of outputs (n°) | 1  |
| Memory card supported  | Micro-SD (not supplied)                            |



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### HARDWARE FEATURES

|                           |          |
|---------------------------|----------|
| Communication ports       | Ethernet |
| Type of connections/ports | RJ45     |
| Ethernet ports (n°)       | 1        |
| Network connection        | RJ45     |
| LED signaling (no.) (n°)  | 1        |

### SETTINGS

|                           |     |
|---------------------------|-----|
| Loudspeaker volume        | Yes |
| Microphone volume         | Yes |
| Ringtone volume           | Yes |
| Screen brightness control | Yes |
| Screen contrast           | Yes |

### NETWORK AND COMMUNICATION PROTOCOLS

|  |                          |
|--|--------------------------|
| Type of LAN network                        | Ethernet 10/100 Mbit/s   |
| Type of Wi-Fi connection                   | 2.4 GHz                  |
| IP address assignment                      | DHCP, AUTO IP, static IP |
| IoT connection to Comelit Cloud            | Yes                      |
| Firmware update via Comelit Cloud          | Yes                      |
| Operating system                           | Linux embedded           |
| Comaptibility with Video Entry Comelit App | Yes                      |

### ENVIRONMENTAL AND COMPLIANCE FEATURES

|                                 |  |
|---------------------------------|--|
| IP protection rating            | IP30   |
| Operating temperature (°C)      | 5 ÷ 40   |
| Operating humidity (RH max) (%) | 25 ÷ 75  |
| Environmental class             | I (B1)   |
| 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) |



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**GENERAL FEATURES**

|   |     |
|---|-----|
| Door opener                             | Yes |
| Automatic door opening on call (Doctor) | Yes |
| Silent mode (Privacy)                   | Yes |
| Self Activation                         | Yes |
| Call to group addresses                 | Yes |
| CPS call                                | Yes |
| Intercom calls                          | Yes |
| Panic call                              | Yes |
| Call forwarding                         | Yes |
| Outside door call input                 | Yes |
| Customisable ringtone                   | Yes |
| Automatic answer (handsfree)            | Yes |
| Video memory                            | Yes |
| Message for absent                      | Yes |
| Sending alarm calls                     | Yes |
| Actuator control                        | Yes |
| ViP anti-theft function                 | Yes |
| Sending e-mail on event                 | Yes |
| Multiple address                        | Yes |
| Integration with voice assistants       | Yes |
| Receiving text messages                 | Yes |
| Receiving ViP messages                  | Yes |
| Led to additional signaling (no.) (n°)  | 1   |
| Door open signaling                     | Yes |
| Acoustic signalling                     | Yes |
| Visual signalling                       | Yes |
| Date/time display                       | Yes |



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**1440A IP (VIP) FLOOR BRANCH**

Floor distributor (switch) for IP door entry monitors for routing the data packets of the Comelit ViP system. Equipped with 6 Ethernet communication ports with Comelit PoE (10/100Mbit/s). Product 1440A negotiates the connection speed depending on the connected devices, and the Comelit PoE allows cascade power to be supplied to several 1440A products by enabling the system to be connected over longer distances than the PoE standard. Dimensions: 71x89x62 mm (4 DIN modules).

| MAIN FEATURES  |                   |
|--|-------------------|
| LAN ports  | 6 (10/100 Mbit/s) |
| MAC address  | Yes               |
| Long range   | Yes               |
| Maximum distance in long range mode (CAT5e/CAT6) (m) | 150               |

| GENERAL DATA                    |          |
|---------------------------------|----------|
| Max absorption (W)              | 1.4      |
| Supply voltage                  | 40÷56VDC |
| Height (mm)                     | 89       |
| Width (mm)                      | 71       |
| Depth (mm)                      | 62       |
| Type of finishing materials     | ABS      |
| Product color                   | White    |
| Operating temperature (°C)      | 5 ÷ 40   |
| Operating humidity (RH max) (%) | 25 ÷ 75  |
| Vip system                      | Yes      |
| DIN rail mounted                | Yes      |
| DIN modules (no.)               | 4        |

**CONNECTIVITY**



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RJ45 ports (n°)

6



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**UT8020 IP (VIP) ULTRA AUDIO/VIDEO MODULE**

Audio/video module for Ultra entrance panel, IP (ViP) system. Twilight sensor for automatic nameplate backlighting power-off during daytime hours. Omnidirectional digital microphone and dual loudspeaker for high-fidelity audio. Wide-angle colour video camera (field of vision: 160° horizontal, 90° vertical) and LED for night-time lighting. Audio-visual indications for disabled individuals assistance request can be activated via programming. Facility for 2 call buttons. To be finished with a cap, single button or double button in professional-grade plastic given an anti-yellowing and anti-dulling treatment or in aluminium. Regulation and programming without removing the module. Dimensions: 1 Ultra module. ULTRA, the new and most technologically advanced entrance panel offering maximum ease of installation. Available in flush-mounted (10 mm protrusion from the wall) or surface-mounted (just 35 mm protrusion from the wall) variants. Dimensions: 100x90x35 mm.

| GENERAL DATA                |                                       |
|-----------------------------|---------------------------------------|
| Type                        | Modular                               |
| Height (mm)                 | 90                                    |
| Width (mm)                  | 100                                   |
| Depth (mm)                  | 35                                    |
| Product color               | Aluminium, Black RAL9005, Transparent |
| Product weight (g)          | 395                                   |
| Type of finishing materials | Polycarbonate, Aluminium alloy        |
| Flush-mounted               | Yes, with a dedicated accessory       |
| Wall-mounted                | Yes, with a dedicated accessory       |

| COMPATIBLE SYSTEMS |     |
|--------------------|-----|
| Vip system         | Yes |

| AUDIO FEATURES |  |
|----------------|--|
| Microphone     | MEMS audio digital sensor, omnidirectional |
| Loudspeaker    | 28mm (Ø), 8 Ohm, 1W (2)                    |



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### AUDIO FEATURES

|                          |                                 |
|--------------------------|---------------------------------|
| Technologies implemented | Echo canceling, Noise reduction |
| Audio compression        | G.711 A-Law                     |

### CAMERA FEATURES

|                               |                                     |
|-------------------------------|-------------------------------------|
| Camera                        | Colours                             |
| Sensor type                   | 1/2.7" CMOS - 2MP                   |
| Lens optical dimensions (mm)  | 1.6                                 |
| Angle of view (H x V - °)     | 160 x 90                            |
| Sensitivity                   | 0.1 (colour)                        |
| Video resolution              | 320x240, 480x272, 800x480, 1024x608 |
| Video compression             | H.264 baseline                      |
| RTSP server                   | Yes                                 |
| Maximum number of RTSP client | 4                                   |
| RTSP resolutions              | 1024x608, 800x480, 480x272, 320x240 |

### ELECTRICAL CHARACTERISTICS

|                            |   |
|----------------------------|---|
| Type of power supply       | PoE, External power supply                  |
| Supply voltage             | 33VDC                                       |
| PoE power supply           | 36÷57VDC, standard PoE, Comelit PoE (56VDC) |
| PoE class                  | Class 0                                     |
| Absorption in stand-by (W) | 2.5   |
| Maximum absorption (W)     | 6   |

### HARDWARE FEATURES

|                             |   |
|-----------------------------|---|
| Call type                   | Push-buttons                                    |
| Type of buttons             | Mechanical                                      |
| Number of push-buttons (n°) | 2   |
| Backlight colour            | White, Off                                      |
| Clamps                      | TX- TX+ RX- RX+ V- V+ RTE GND/SE- SE+ COM NC NO |



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**HARDWARE FEATURES**

|                        |   |
|------------------------|---|
| 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) |
| Communication ports    | Ethernet  |
| Twilight sensor        | Yes   |

**SETTINGS**

|                      |     |
|----------------------|-----|
| Loudspeaker volume   | Yes |
| Microphone volume    | Yes |
| Backlight brightness | Yes |
| Recording area       | Yes |

**NETWORK AND COMMUNICATION PROTOCOLS**

|                       |                                   |
|-----------------------|-----------------------------------|
| Type of LAN network   | Ethernet 10 Mbit/s                |
| IP address assignment | Auto IP, DHCP, Static             |
| 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), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011) |

**KVU8571****SURF-MNT SING.-FAM. ULTRA KIT, 7TOP, 1440A, VIP****MAIN FUNCTIONS**

|                                     |     |
|-------------------------------------|-----|
| Door opener                         | Yes |
| Number of auxiliary relays (n°)     | 1   |
| Input for local door release button | Yes |
| Door open signaling input           | Yes |
| Visual indications of system status | Yes |
| Acoustic signals of system status   | Yes |
| Speech synthesis of system status   | Yes |



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**UT9171 WALL HOUSING FOR 1 ULTRA MODULE**



Surface-mounted housing, 1 module, for Ultra entrance panel. It consists of a metal support that secures the modules without using screws and a finishing frame in die-cast aluminium given a cataphoresis treatment to increase its resistance to chemical and environmental corrosion, including damage from UV rays. Just 35 mm protrusion from the wall. Dimensions: 110x107x35mm

**COMPATIBLE SYSTEMS**

|   |     |
|---|-----|
| Audio/video Simplebus 2 with power supply art. 4888C      | Yes |
| Audio/video Simplebus 2 with power supply art. 1210/1210A | Yes |
| Audio Simplebus 2 with power supply art. 1210/1210A       | Yes |
| Audio/video Simplebus 1                                   | Yes |
| Audio Simplebus 1   | Yes |
| ViP   | Yes |

**MAIN FEATURES**

|                    |     |
|--------------------|-----|
| Height (mm)        | 107 |
| Width (mm)         | 110 |
| Depth (mm)         | 35  |
| Product weight (g) | 470 |

**GENERAL DATA**

|                             |                                      |
|-----------------------------|--------------------------------------|
| Type of finishing materials | Metallic, Plastic, Die cast aluminum |
|-----------------------------|--------------------------------------|

**MOUNTING/INSTALLATION**

|              |     |
|--------------|-----|
| Wall-mounted | Yes |
|--------------|-----|



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**UT9211 SINGLE ULTRA BUTTON**



Single button for Ultra entrance panel. Made using polymethyl methacrylate given a treatment increasing resistance to UV rays while preventing yellowing and dulling. Double nameplate (blank and with a bell symbol) included. Easy nameplate replacement.

| GENERAL DATA      |              |
|-------------------|--------------|
| Height (mm)       | 22           |
| Depth (mm)        | 7.4          |
| Product color     | Transparent  |
| HARDWARE FEATURES |              |
| Call type         | Push-buttons |
| Backlight colour  | White        |



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**1441B 30W VIP SYSTEM POWER SUPPLY UNIT**

Power supply unit with 110Vac/240Vac input and 48Vdc output. 30W power. DIN bar power supply unit (4 DIN modules). Dimensions: 72x93x56mm

| MAIN FEATURES               |                |
|-----------------------------|----------------|
| Supply voltage              | 110÷240 VAC    |
| Output supply voltage       | 48VDC          |
| Input connector             | Terminal block |
| Applicable to DIN rail      | Yes            |
| Number of DIN modules (n°)  | 4              |
| HARDWARE SPECIFICATIONS     |                |
| Product weight (g)          | 352            |
| GENERAL DATA                |                |
| Height (mm)                 | 62             |
| Width (mm)                  | 90             |
| Depth (mm)                  | 70             |
| Type of finishing materials | ABS            |
| Product color               | White RAL9010  |
| Operating temperature (°C)  | -10 ÷ 50       |
| COMPATIBILITY               |                |
| Vip system                  | Yes            |
| AUDIO/VIDEO FEATURES        |                |
| Audio/video system          | Yes            |
| ELECTRICAL SPECIFICATIONS   |                |
| Power supply                | 100 - 240 VAC  |

**KVU8571****SURF-MNT SING.-FAM. ULTRA KIT, 7TOP, 1440A, VIP****ELECTRICAL SPECIFICATIONS**

|                                 |     |
|---------------------------------|-----|
| Switching power supply          | Yes |
| Maximum current absorption (mA) | 900 |
| Maximum power delivered (W)     | 30  |

**GENERAL FEATURES**

|                        |     |
|------------------------|-----|
| DIN modules (no.) (n°) | 6   |
| DIN rail mounted       | Yes |
| Visual signalling      | Yes |