

**KVU8507****SURF.-MNT SING.-FAM. ULTRA KIT, ViP MAXI WI-FI 7"**

Single-family kit with ULTRA audio/video external unit and MAXI 7" Wi-Fi door entry monitor for ViP system. Suitable for installation in homes, commercial properties or offices. The kit is supplied pre-programmed and ready to use, and can be expanded with other products in the ViP catalogue. When used in conjunction with the Comelit app (available to download free of charge from the Google and Apple stores) and/or the Alexa voice assistant, it can be used to answer calls directly from your smartphone/tablet/Alexa device, both locally and remotely. The kit includes: 1 art. UT8020 - ultra IP audio/video module, 1 art. UT9171 - wall housing for 1 ultra modules, 1 art. 6842WK - white Maxi 7" Wi-Fi monitor for kit, 1 art. 6817 - flush-mounted box for Maxi monitor, 1 art. 6820 - wall support for Maxi monitor, 1 art. 1440 - floor branch, 1 art. 1441B - 30W power supply unit.

AWARDS



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

PRODUCTS IN THE KIT



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 |
|------------|--|



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

AUDIO FEATURES

| | |
|--------------------------|---------------------------------|
| Loudspeaker | 28mm (Ø), 8 Ohm, 1W (2) |
| 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 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

HARDWARE FEATURES

| | |
|------------------------|---|
| Clamps | TX- TX+ RX- RX+ V- V+ RTE GND/SE- SE+ COM NC NO |
| 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 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

ENVIRONMENTAL AND COMPLIANCE FEATURES

| | |
|----------------|--|
| 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 |
| 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 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"



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 |
|--------------|-----|



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

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 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"



6842WK 7-INCH MAXI WI-FI MONITOR FOR KIT. VIP

Maxi Wi-Fi colour monitor for flush mounting (using optional box art. 6817) or surface mounting (with optional support art. 6820), with 7" / 16:9 touch screen, full-duplex hands-free audio with magnetic induction and touch-sensitive commands for ViP system. Allows colour level, contrast, audio volume and ringtone volume adjustment. Equipped with a slot for housing a micro-SD card (not supplied). The ringtone can be customised by choosing one of several melodies. Fitted as standard with a key button, enable/disable audio button with corresponding indicator LEDs and other buttons for self activation, privacy service and other programmable functions. Manages floor door calls and call repetition as standard. Compatible with H.264 video format. Dimensions (L x H x D): 223x124x25 mm.

| GENERAL DATA | |
|-----------------------------|----------------------------------|
| Height (mm) | 124 |
| Width (mm) | 223 |
| Depth (mm) | 25 |
| Product weight (g) | 700 |
| Product color | White RAL9003, base grey RAL7001 |
| Type of finishing materials | ABS, Glass |
| Flush-mounted | Yes, with a dedicated accessory |
| Wall-mounted | Yes, with a dedicated accessory |
| Desk base-mounted | Yes, with a dedicated accessory |

| COMPATIBLE SYSTEMS | |
|--------------------|-----|
| ViP | Yes |

| DISPLAY | |
|---------------------|----------------|
| Display size (") | 7 |
| Aspect Ratio | 16:9 |
| Touch screen | Yes, resistive |
| Resolution (pixels) | 800x480 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

DISPLAY

| | |
|----------|-----|
| OSD menu | Yes |
|----------|-----|

AUDIO FEATURES

| | |
|--------------------------|--------------------------|
| Induction loop function | Yes |
| Microphone | 4mm (Ø), Omnidirectional |
| Loudspeaker | 80mm (Ø), 80 Ohm, 1W |
| Technologies implemented | Full-Duplex |

ELECTRICAL CHARACTERISTICS

| | |
|----------------------------|--|
| Type of power supply | PoE |
| PoE power supply | Standard IEEE 802.3af, Comelit PoE (56VDC) |
| Absorption in stand-by (W) | 2.75 |
| Maximum absorption (W) | 4.83 |

HARDWARE FEATURES

| | |
|--|---|
| Type of buttons | Capacitive |
| Service buttons | Lock-release, Answer, Silent (Privacy), Menu, Messages, Door open |
| No. of programmable buttons for additional functions | 2 |
| Clamps | CFP1 In1 Al Pan Out1 S+ S- 0V |
| Removable terminals | Yes |
| Number of inputs (n°) | 1 |
| Number of outputs (n°) | 1 |
| Memory card supported | Micro-SD (not supplied) |
| Communication ports | RJ45 (Ethernet) |

SETTINGS

| | |
|--------------------|-----|
| Loudspeaker volume | Yes |
| Microphone volume | Yes |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

SETTINGS

| | |
|---------------------------|-----|
| Ringtone volume | Yes |
| Screen brightness control | Yes |
| Screen contrast | Yes |
| Screen colour | Yes |
| Screen backlight | Yes |

NETWORK AND COMMUNICATION PROTOCOLS

| | |
|--|---|
| Type of LAN network | Ethernet 10/100 Mbit/s, IEEE 802.3, IEEE 802.3u (Fast Ethernet) |
| Type of Wi-Fi connection | IEEE 802.11 b/g/n, 2.4 Ghz, 13 channels |
| Encryption and authentication method supported | OPEN WPA-PSK networks, TKIP WPA2-PSK, AES WEP 64 bits (5-digit ASCII or 10 hexadecimal codes), WEP 128 bits (13-digit ASCII or 26 hexadecimal codes), WPS authentication (supported for WPA2-PSK) |
| IP address assignment | DHCP |
| IoT connection to Comelit Cloud | Yes |
| Firmware update via Comelit Cloud | 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), 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) |

GENERAL FEATURES

| | |
|---|-----|
| Door opener | Yes |
| Automatic door opening on call (Doctor) | Yes |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

GENERAL FEATURES

| | |
|------------------------------|-----|
| Silent mode (Privacy) | Yes |
| Self Activation | Yes |
| CPS call | Yes |
| Intercom calls | Yes |
| Call forwarding | Yes |
| Outside door call input | Yes |
| Customisable ringtone | Yes |
| Automatic answer (handsfree) | Yes |
| Video memory | Yes |
| Sending alarm calls | Yes |
| Actuator control | Yes |
| Sound diffusion control | Yes |
| ViP anti-theft function | Yes |
| Sending e-mail on event | Yes |
| Receiving ViP messages | Yes |
| Door open signaling | Yes |
| Date/time display | Yes |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"



6820 S2 & VIP MAXI MONITOR WALL SUPPORT

Wall support for Maxi monitor in ABS UV resistant. White RAL 9003 colour.

| MAIN FEATURES | |
|--------------------------------|---------------|
| Height (mm) | 117.8 |
| Width (mm) | 216.5 |
| Depth (mm) | 14 |
| Product weight (g) | 50 |
| GENERAL DATA | |
| Type of finishing materials | ABS |
| Product color | White RAL9003 |
| COMPATIBILITY | |
| Simplebus 2 audio/video system | Yes |
| Vip system | Yes |
| MOUNTING/INSTALLATION | |
| Wall-mounted | Yes |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

**6817** FLUSH-MOUNTED BOX FOR MAXI MONITOR

Flush-mounted box in black ABS. Dimensions: 212x115x50mm

MAIN FEATURES

| | |
|-------------|-----|
| Height (mm) | 115 |
| Width (mm) | 212 |
| Depth (mm) | 50 |

GENERAL DATA

| | |
|-----------------------------|---------------|
| Type of finishing materials | ABS |
| Product color | Black RAL9017 |

COMPATIBILITY

| | |
|--------------------------------|-----|
| Simplebus 2 audio/video system | Yes |
| Vip system | Yes |

MOUNTING/INSTALLATION

| | |
|---------------|-----|
| Flush-mounted | Yes |
|---------------|-----|



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"



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 |
|--------------|---------------|



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"

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 |



KVU8507

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MAXI WI-FI 7"



1440 IP (VIP) FLOOR SWITCH

Floor shunt with one input, one output (10/100 Mb) and 4 shunts (10 MB). Dimensions 66 x 85 x 35 mm

ELECTRICAL CHARACTERISTICS

| | |
|------------------------|-----|
| Maximum absorption (W) | 2.6 |
|------------------------|-----|

MAIN FEATURES

| | |
|---------------------------------|----------|
| Height (mm) | 89 |
| Width (mm) | 72 |
| Depth (mm) | 62 |
| Operating temperature (°C) | 5 ÷ 40 |
| Operating humidity (RH max) (%) | 25 ÷ 75 |
| DIN rail mounted | Yes |
| DIN modules (no.) (n°) | 4 |
| Supply voltage | 40÷56VDC |

GENERAL DATA

| | |
|---------------------|--|
| Product color | White |
| Communication ports | RJ45 (Ethernet) |
| Type of LAN network | Ethernet 10/100 Mbit/s, Ethernet 10 Mbit/s |

COMPATIBILITY

| | |
|------------|-----|
| Vip system | Yes |
|------------|-----|

CONNECTIVITY

| | |
|---------------------------|------|
| Type of connections/ports | RJ45 |
| Ethernet ports (n°) | 6 |