KVU8508

SURF.-MNT SING.-FAM. ULTRA KIT, VIP MINI SLAVE GW

Single-family kit with ULTRA audio/video external unit, slave apartment gateway and MINI 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. When used in conjunction with the Comelit app (available to download free of charge from the Google and Apple stores), it can be used to answer calls directly from your smartphone/tablet, both locally and remotely, and to share QR codes for enabling the entrance door lock. The kit includes: 1 art. UT8020 - ultra IP audio/video module, 1 art. 6722W - white MINI monitor, 1 art. 1456S - slave apartment gateway, 1 art. 1441B - 30W power supply unit.

AWARDS

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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) 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 (inch) (in)	3.54
Width (inch) (in)	3.94
Depth (inch) (in)	1.38
Product color	Aluminium, Black RAL9005, Transparent
Product weight (oz) (oz)	13.93
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

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AUDIO FEATURES	
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Full-Duplex
Audio compression	G.711 A-Law

CAMERA FEATURES	
Camera	Colors
Sensor type	1/2.7" CMOS - 2MP
Lens optical dimensions (in)	0.06
Angle of view (H x V - °)	160 x 90
Video resolution (H x V - pixel)	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
Maximum number of RTSP clients	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 color	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 (°F)	-13 ÷ 131
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)

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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. 4888CU	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 (inch) (in)	4.21
Width (inch) (in)	4.33
Depth (inch) (in)	1.38
Product weight (oz) (oz)	16.58

GENERAL DATA	
Type of finishing materials	Metallic, Plastic, Die cast aluminum

MOUNTING/INSTALLATION	
Wall-mounted	Yes

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UT9212 **DOUBLE ULTRA BUTTON**

Double 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 (inch) (in)	0.87
Depth (inch) (in)	0.29
Product color	Transparent

HARDWARE FEATURES	
Call type	Push-buttons
Backlight color	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 (oz) (oz)	12.42

GENERAL DATA	
Height (inch) (in)	2.44
Width (inch) (in)	3.54
Depth (inch) (in)	2.76
Type of finishing materials	ABS
Product color	White RAL9010
Operating temperature (°F)	14 ÷ 122

COMPATIBILITY	
Vip system	Yes

AUDIO/VIDEO FEATURES	
Audio/video system	Yes

ELECTRICAL SPECIFICATIONS	
Power supply	100 - 240 VAC

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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

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6722W   **MINI HANDSFREE BM MONITOR, VIP**

Handsfree colour monitor for ViP system. 4.3" / 16:9 colour screen. 480x272 pixel resolution. H264 video format. All the main functions and programming operations can be performed from a graphic menu that can be navigated using the function keys. Equipped with 8 soft-touch keys: audio activation key with LED to signal incoming calls, lock-release key with door open indicator LED, Privacy function key with Led indicating ringtone excluded and Doctor function enabled, 4 programmable keys and 1 menu access key. Equipped with 3 programmable inputs. Adjustable backlight brightness and key feedback volume. Powered by PoE as standard or from ViP Comelit switches and power supply units. Includes induction loop with T position for users wearing hearing aids and answerphone function. Dimensions: 115x160x22mm.

GENERAL DATA	
Height (inch) (in)	6.3
Width (inch) (in)	4.53
Depth (inch) (in)	0.87
Product weight (oz) (oz)	19.05
Product color	White RAL9003
Type of finishing materials	ABS
Wall-mounted	Yes
Desk base-mounted	Yes, with a dedicated accessory

COMPATIBLE SYSTEMS	
ViP	Yes

DISPLAY	
Display size (")	4.3
Aspect Ratio	16:9
Resolution (pixels)	480x272
OSD menu	Yes

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AUDIO FEATURES	
Induction loop function	Yes
Microphone	6mm (Ø), Omnidirectional
Loudspeaker	36mm (Ø), 8 Ohm, 1W

ELECTRICAL CHARACTERISTICS	
Type of power supply	PoE
PoE power supply	Standard IEEE 802.3af, Comelit PoE (56VDC)
Absorption in stand-by (W)	1.65
Maximum absorption (W)	2.53

HARDWARE FEATURES	
Type of buttons	Capacitive
Service buttons	Lock-release, Answer, Silent (Privacy), Menu, Messages, Door open
No. of programmable buttons for additional functions	4
Clamps	- IN1 IN2 IN3
Removable terminals	Yes
Number of inputs (n°)	3
Communication ports	RJ45 (Ethernet)

SETTINGS	
Loudspeaker volume	Yes
Ringtone volume	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)
IP address assignment	Auto IP, DHCP, Static

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ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating	IP30
Operating temperature (°F)	41 ÷ 104
Operating humidity (RH max) (%)	25 ÷ 75
Environmental class	I
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)

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

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1456S   **APARTMENT SLAVE GATEWAY FOR VIP SYSTEM**

Apartment gateway in slave version (requires presence of a door entry monitor). Allows the operation of door entry monitor system via tablets and smartphones using the Comelit ViP App, which can be downloaded free of charge. This function can be used locally via a Wi-Fi network or on portable devices using 3G (or higher) networks; automatic switching between Wi-Fi and 3G networks according to availability. In all cases, the gateway should be connected to an ASDL router or another device guaranteeing local Wi-Fi and mobile 3G connectivity. Depending on bandwidth limitations, the gateway can serve up to 15 appliances (including door entry monitors, smartphones, tablets and PCs) with 4 simultaneous audio/video streams. It also allows intercom communication between all of the 15 devices served. The gateway is equipped with 1 Ethernet port for ViP system riser input, 1 PoE port, 2 PoE ports (can be set to non-PoE) and 1 non-PoE port. It is also equipped with an input for the power supply. Dimensions: 70x90x62 mm (4 DIN modules).

MAIN FEATURES	
Height (inch) (in)	2.76
Width (inch) (in)	3.54
Depth (inch) (in)	2.44
Operating temperature (°F)	41 ÷ 104
Operating humidity (RH max) (%)	25 ÷ 75
DIN rail mounted	Yes
DIN modules (no.) (n°)	4

COMPATIBILITY	
Vip system	Yes

CONNECTIVITY	
Ethernet ports (n°)	1

The technical specifications are subject to change without prior notice.