

**KVU8571****1-WAY KIT WITH ULTRA, 7TOP, 1440A, VIP**

Single-family kit with ULTRA audio/video external unit and 7TOP 7" hands-free 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), it can be used to answer calls directly from your smartphone/tablet, both locally and remotely. The kit includes: 1 x art. UT8020 - Ultra IP audio/video module, 1 x art. UT9171, surface-mounted housing for 1 Ultra module, 1 x art. TP6842 - 7TOP 7" hands-free Wi-Fi door entry monitor - ViP, 1 x art. 1440A - floor distributor, 1 x art. 1441B - 30W power supply unit.

AWARDS



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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.

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
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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
Video encoding	H.264 / H.265

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
Compatibility with Comelit app (with external gateway)	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP30
Operating temperature (°C)	5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 75



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ENVIRONMENTAL AND COMPLIANCE FEATURES

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)

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
Multiple address	Yes
Integration with voice assistants	Yes
Receiving text messages	Yes
Receiving ViP messages	Yes
Face recognition	Yes
Led to additional signaling (no.) (n°)	1



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GENERAL FEATURES

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 weight (g)	395
Product color	Aluminium, Black RAL9005, Transparent
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
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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	Standard IEEE 802.3af, 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
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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****1-WAY KIT WITH ULTRA, 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
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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****1-WAY KIT WITH ULTRA, 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