



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

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

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



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



### **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

  

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





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

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

### **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)



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



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

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



### **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
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#### 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
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#### AUDIO/VIDEO FEATURES

Audio/video system	Yes
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#### ELECTRICAL SPECIFICATIONS

Power supply	100 - 240 VAC
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## **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