EZ-ULTRAMUG

ULTRA TOUCH VIP KIT

The kit includes: 1 art. UT8090S - wall-mounted complete video and touch screen Ultra ViP entrance panel, 1art. 1441 - 100W power supply unit, 1 art. 1456B - multi-user gateway for ViP system, 1 art. PC3 - power cord, and 1 art. DIN12 - metal mounting rail (the licenses are soldseparately).

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PRODUCTS IN THE KIT

UT8090S **Wall-MNT COMPLETE VIDEO+TPUCH ENT.PAN., ViP**

Ultra series surface-mounted audio/video entrance panel with 5"
Touchscreen module for IP (ViP) system. Twilight sensor for
touchscreen back lighting management. Omni directional digital
microphone and double loudspeaker for high-fidelity audio. Wide-
angle color video camera with 160° horizontal, 100° vertical field of
vision. Audio-visual indications for disabled individuals assistance
request. 5" high-visibility capacitive display with impact-proof glass
and theme selection (black or white). User-friendly graphic interface,
can be customized with virtual call buttons or a number keypad to
call the user directly when the code is known. Access control function
with audio or audio/video module output and system actuator
activation. Option of customizing the buttons for direct calls to the
switchboard, commercial activities with corresponding logos and
viewing welcome messages. It has a Wiegand output for interfacing
with access control systems, an RFID reader for activating an opening
using keys or Comelit cards, and a Bluetooth connection. Consists of
audio/video module art. UT8020, Touch module art. UT9270 and
surface-mounted housing art. UT9173. Just 35 mm protrusion from
the wall. Dimensions (L x H x D): 11 x 28.9 x 3.5 Cm.

GENERAL DATA	
Type	Modular
Height (inch) (in)	12.5
Width (inch) (in)	4.94
Depth (inch) (in)	1.38
Product weight (oz) (oz)	70.55
Product color	Aluminum, Black RAL9005
Wall-mounted	Yes

COMPATIBLE SYSTEMS	
ViP	Yes

The technical specifications are subject to change without prior notice.

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DISPLAY	
Display type	Graphic TFT
Display size (")	5
Touch screen	Yes, capacitive
Resolution (pixel)	800x480

AUDIO FEATURES	
Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Echo canceling
Audio compression	G.711 A-Law

CAMERA FEATURES	
Camera	Colors
Sensor type	1/3" CMOS
Lens optical dimensions (in)	0.1
Angle of view (H x V - °)	160 x 100
Video resolution (H x V - pixel)	320x240, 480x272, 800x480, 1024x608
Video compression	H.264 baseline
RTSP server	Yes
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)	7
Maximum absorption (W)	14

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HARDWARE FEATURES	
Call type	Push-buttons, Digital
Type of buttons	Capacitive
Backlight Color	White, Black
Clamps	RTE GND/SE- SE+ NO NC COM V- V+ - + TX- TX+ RX- RX+ D1+ D1- D2+ D2- GND D0 D1 GND IN
Number of inputs (n°)	1
Number of outputs (n°)	2
Types 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)
Integrated proximity reader	RFID Mifare Classic
Communication ports	Micro-USB, 1 x Wiegand, 2 x RS485, Ethernet
Twilight sensor	Yes

SETTINGS	
Loudspeaker volume	Yes
Microphone volume	Yes
Backlight brightness	Yes

NETWORK AND COMMUNICATION PROTOCOLS	
Type of LAN network	Ethernet 10 Mbit/s
IP address assignment	Auto IP, DHCP, Static
Bluetooth	Yes
Wiegand	Keypad: 4 bits for each digit, without parity, adding the "B" digit at the end. Comelit Cards/Keys: 26 bit
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 (°F) (°F)	-13 ÷ 131
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
CE certifications	RoHS II - 2011/65/UE (EN IEC 63000:2018), RED 2014/53/UE (EN 60950-1:2006+A11:2009+A1:2010+A12:2011, +A2:2013, EN 62311:2008, 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)

MAIN FUNCTIONS

Door opener	Yes
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Door open signaling input	Yes
Access control via proximity reader	Yes
Access control via door opener code	Yes
No. of storable users (n°)	4000
Number of door opener codes (n°)	4000
Number of storable proximity keys	4000
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes
Customizable welcome message	Yes
Customizable image of the button	Yes

GENERAL FEATURES

Switchboard call function	Yes
Actuator control function	Yes

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1441   **100W POWER SUPPLY UNIT**

230Vac/110Vac 100W power supply unit - 55Vdc with DIN bar (6 modules). Dimensions 9.9 x 9.3 x 5.3 Cm

MAIN FEATURES	
Applicable to DIN rail	Yes
Number of DIN modules (n°)	6

HARDWARE SPECIFICATIONS	
Product weight (oz) (oz)	12.24

GENERAL DATA	
Height (inch) (in)	3.9
Width (inch) (in)	3.66
Depth (inch) (in)	2.09
Type of finishing materials	Plastic
Product color	White

COMPATIBILITY	
Vip system	Yes

AUDIO/VIDEO FEATURES	
Audio/video system	Yes

ELECTRICAL SPECIFICATIONS	
Power supply	220÷240VAC
Direct voltage output A (VDC)	55
Maximum current absorption (mA)	1.3
Maximum power delivered (W)	100

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GENERAL FEATURES	
DIN modules (no.) (n°)	6
DIN rail mounted	Yes

1456B   **MULTI-USER GATEWAY FOR VIP SYSTEM**

Gateway for sending video entry phone calls to ViP internal units, Smartphones/Tablets on which the Comelit App has been installed and GSM or landline telephones, subject to a SIP provider service subscription. Requires an Internet connection with adequate bandwidth. In order to use the functions of a 1456B, it is necessary to purchase as many separate licences as there are apartments to serve. The 1456B can manage 3 types of licence: Master, Slave and Phone. Each licence can be purchased in 5 different sizes (1, 10, 50, 100, 200) and can be added at any time. Art. 1456B manages up to 400 Master licences and up to 200 Slave or Phone licences. Calls can be forwarded to a maximum of 15 different devices per apartment, depending on the device type and the bandwidth available for transmission. The gateway has 1 Ethernet port for connection to the ViP system network, and 4 ports (including one POE) for the connection of internal units and routers, two selectable ports with POE and one non-POE port. It alsoha s an input for 40-56 VDC power supply. Dimensions: 7 x 9 x 6.2 Cm (4 DIN modules).

MAIN FEATURES	
Height (inch) (in)	2.44
Width (inch) (in)	2.76
Depth (inch) (in)	3.54
Operating temperature (°F) (°F)	23 ÷ 122
Operating humidity (RH max) (%)	25 ÷ 75
IP protection rating	IP30
DIN rail mounted	Yes
DIN modules (no.) (n°)	4

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SOFTWARE/FIRMWARE SPECIFICATIONS	
IP assignment	AUTO IP, DHCP, STATIC

COMPATIBILITY	
Vip system	Yes

LICENSES	
	Master: 400 max. Slave: 200 max. Phone: 200 max

CONNECTIVITY	
Ethernet ports (n°)	5

ELECTRICAL SPECIFICATIONS	
Supply voltage	48÷56 VDC
PoE power supply	Comelit PoE (56VDC)
Maximum current absorption (mA)	50

PC3   **Power Cord**

Three prong power cord.

DIN12   **1 Foot DIN Rail (Metal)**

1 foot long DIN 12 mounting rail for entrance panel.

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