



KVU8190W

SIMPLEBUS 2 WI-FI ULTRA KIT WITH MINI HANDSFREE



Single-family kit for Simplebus 2. Suitable for installation in residential, commercial or office buildings. The kit is supplied 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) and/or the Alexa voice assistant, it can be used to answer calls directly from your smartphone/tablet/Alexa device, both locally and remotely. It can be used to enable the "Face recognition" function, to automatically - once a person has been recognised - send a lock-release command (enabled by default), trigger an actuator to control a light or additional opening and receive notification when a known individual makes a call. The kit consists of 1 flush-mounted Ultra series external entrance panel art. UT2020/4 with call button art. UT9211M, 1 Mini series Wi-Fi door entry monitor art. 6741W, and all the accessories required to construct the system.



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PRODUCTS IN THE KIT



UT2020/4 SB2 ULTRA AUDIO/VIDEO MODULE, 4 USERS

Audio/video module for Ultra entrance panel for up to 4 users, Simplebus 2 system. Easy to install and configure, thanks to smart call button programming. 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: 120° 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 (mm)	90
Width (mm)	100
Depth (mm)	35
Product color	Aluminium, Black RAL9005, Transparent
Product weight (g)	350
Type of finishing materials	Polycarbonate, Aluminium alloy
Flush-mounted	Yes, with a dedicated accessory
Wall-mounted	Yes, with a dedicated accessory
COMPATIBLE SYSTEMS	
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes



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AUDIO FEATURES

Microphone	MEMS audio digital sensor, omnidirectional
Loudspeaker	28mm (Ø), 8 Ohm, 1W (2)
Technologies implemented	Full-Duplex

CAMERA FEATURES

Camera	Colours
Sensor type	1/3" CMOS
Lens optical dimensions (mm)	1.79
Angle of view (H x V - °)	120 x 90
Sensitivity (lux)	0.45
Video resolution (H x V - pixel)	1288x968

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC
Absorption in stand-by (W)	1.5
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	L L V+ V- COM NC NO SE+ SE-/GND RTE TX- TX+ RX- RX+
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	Micro-USB



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HARDWARE FEATURES

Twilight sensor	Yes
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SETTINGS

Loudspeaker volume	Yes
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Microphone volume	Yes
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Backlight brightness	Yes
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PROGRAMMING MODE

Manual programming (via Dip Switch)	Yes
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ViP Manager software	Yes
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ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP65
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Vandal Resistant rating (IK code)	IK08
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Operating temperature (°C)	-25 ÷ 55
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Operating humidity (RH max) (%)	25 ÷ 95
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Environmental class	IV
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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
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Number of auxiliary relays (n°)	1
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Input for local door release button	Yes
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Door open signaling input	Yes
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Visual indications of system status	Yes
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Acoustic signals of system status	Yes
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Speech synthesis of system status	Yes
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3110/1A FLUSH-MOUNTED BOX, 1 MODULE, FOR ENTRANCE PANELS

Flush-mounted box for external 1-module entrance panels. Can also be installed in plasterboard walls (using optional accessories).
Dimensions (L x H x D): 123.5x122.5x50 mm.

MAIN FEATURES	
Height (mm)	123.5
Width (mm)	122.5
Depth (mm)	50
Product weight (g)	60
GENERAL DATA	
Type of finishing materials	Plastic
Product color	Green
MOUNTING/INSTALLATION	
Flush-mounted	Yes



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UT9211M SINGLE METAL ULTRA BUTTON



Single button for Ultra entrance panel. Made with aluminium trim to increase resistance to impact and polymethyl methacrylate treated to increase 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
Width (mm)	95.6
Depth (mm)	7.4
Product weight (g)	20
Type of finishing materials	Polycarbonate, Aluminium alloy
Product color	Aluminium, Transparent

HARDWARE FEATURES	
Call type	Push-buttons
Type of buttons	Mechanical
Backlight colour	White, Off



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UT9161 FLUSH-MOUNTING FRAME FOR 1 ULTRA MODULE

Flush-mounting frame, 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 cathoporesis treatment to increase its resistance to chemical and environmental corrosion, including damage from UV rays. 10 mm protrusion from the wall. Can be used in flush-mounting boxes art. 3110/1 and 3110/1A, with the option of installing several modules side by side. Dimensions: 125,5x136x35mm

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 Simplebus 1	Yes
ViP	Yes
MAIN FEATURES	
Height (mm)	136
Width (mm)	125.5
Depth (mm)	35
Product weight (g)	450
GENERAL DATA	
Type of finishing materials	Metallic, Die-cast aluminum
Product color	Black RAL9005, Siver RAL9006
MOUNTING/INSTALLATION	
Flush-mounted	Yes



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1210A SIMPLEBUS2 POWER SUPPLY UNIT

Power supply unit for audio or audio/video systems with 1 input compatible with all outdoor entrance panels featuring Simplebus 2 technology and 1 output for the connection of devices such as door-entry phones and door entry monitors featuring Simplebus 2 technology. Supplied with line termination terminal art. 1216.

MAIN FEATURES	
Supply voltage	230VAC / 50÷60Hz
Output supply voltage	33VDC
Applicable to DIN rail	Yes
Number of DIN modules (n°)	8

HARDWARE SPECIFICATIONS	
Product weight (g)	1000

GENERAL DATA	
Height (mm)	62
Width (mm)	143
Depth (mm)	90
Type of finishing materials	Plastic
Product color	White
Operating temperature (°C)	0 ÷ 40

COMPATIBILITY	
Simplebus 2 audio/video system	Yes
Simplebus 2 audio system	Yes

MOUNTING/INSTALLATION	
Wall-mounted	Yes

ELECTRICAL SPECIFICATIONS



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Max absorption (W)	30
Maximum current absorption (mA)	350
Maximum power delivered (W)	40



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6741W SB2 MINI HANDSFREE WI-FI DOOR ENTRY MONITOR

Mini series hands-free Wi-Fi door entry monitor for Simplebus 2 system. When used in conjunction with the Comelit app (available to download free of charge from the Google and Apple stores) and/or the Alexa/Echo Show/Google Assistant voice assistants, it can be used to answer calls directly from your smartphone/tablet/voice assistant device, both locally and remotely. It can be used to enable the “Face recognition” function, to automatically - once a person has been recognised - send a lock-release command (enabled by default), trigger an actuator to control a light or additional opening and receive notification when a known individual makes a call. It can be used to operate new wi-fi home automation devices in the WiFree range by Comelit. It is also possible to control devices with different protocols, thereby integrating any third-party home automation system for the control of gates, outdoor lights, scenario activation, etc. Replacing an old door entry monitor to benefit from all the advantages offered by Wi-Fi technology is no longer problematic: Mini Wi-Fi is actually compatible with all types of Comelit Simplebus 2 video entry phone system and does not require any additional masonry work. Supplied with mounting backplate and riser distribution terminal art. 1214/2C.

GENERAL DATA	
Height (mm)	160
Width (mm)	115
Depth (mm)	22
Product weight (g)	400
Product color	White RAL9003
Type of finishing materials	ABS
Wall-mounted	Yes
Desk base-mounted	Yes, with a dedicated accessory
COMPATIBLE SYSTEMS	
Audio/video Simplebus 2 with power supply art. 4888C	Yes
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes



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COMPATIBLE SYSTEMS

Simplebus 2 audio/video kit with power supply art. 1209	Yes
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DISPLAY

Display size (")	4.3
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Type of display	LCD
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Aspect Ratio	16:9
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Resolution (pixels)	480x272
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OSD menu	Yes
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AUDIO FEATURES

Type	Hands-free
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Microphone	6mm (Ø), Omnidirectional
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Loudspeaker	36mm (Ø), 40 Ohm, 1W
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Technologies implemented	Full-Duplex
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ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus
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Supply voltage	22÷34 VDC (Bus)
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Absorption in stand-by (W)	0.1
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Stand-by absorption in kit mode (W)	1.9
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Maximum absorption (W)	8.3
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HARDWARE FEATURES

Type of buttons	Capacitive
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Service buttons	Lock-release, Answer, Silent (Privacy), Menu, Messages, Door open
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No. of programmable buttons for additional functions	4
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Clamps	L L CFP1 CFP2
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HARDWARE FEATURES

Removable terminals	Yes
Number of inputs (n°)	1

SETTINGS

Loudspeaker volume	Yes
Ringtone volume	Yes
Screen brightness control	Yes

NETWORK AND COMMUNICATION PROTOCOLS

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)
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)
CE 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
Silent mode (Privacy)	Yes



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GENERAL FEATURES

Self Activation	Yes
CPS call	Yes
Intercom calls	Yes
Selective intercom call	Yes
Outside door call input	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Video memory	Yes
Sending alarm calls	Yes
Actuator control	Yes
Multiple address	Yes
Integration with voice assistants	Yes
Face recognition	Yes
Door open signaling	Yes
Date/time display	Yes