8451V

QUADRA KIT AND WI-FI MINI HF. SB2



Single-family kit for Simplebus 2 system. The kit can be expanded up to 4 outdoor entrance panels and up to 4 users/housing units with 4 door entry monitors per user/unit. 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) 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 Quadra series outdoor entrance panel art. 4893M equipped with call buttons for systems up to 4 calls, 1 Mini series hands-free Wi-Fi door entry monitor art. 6741W and all the accessories required to create the system.

AWARDS

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PRODUCTS IN THE KIT



4893M **QUADRA ENTRANCE PANEL W/ BUTTONS. 2 WIRES**

Quadra series wall-mounted external video entry unit with mechanical buttons. Die-cast aluminium faceplate, wide-angle colour camera and a single LED for nighttime lighting. Indicator LED for call sent, lock-release activated, audio activated and system busy. Adjustment of speaker volume and audio balance. Power supply from bus line. External unit dimensions: 95x195x28 mm.

GENERAL DATA	
Type	Monoblock
Width (mm)	95
Height (mm)	195
Depth (mm)	28
Product weight (g)	300
Product color	Grey RAL 9006, Black RAL9005
Wall-mounted	Yes

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

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

CAMERA FEATURES	
Camera	Colours
Sensor type	1/4" CMOS
Lens optical dimensions (mm)	2.1
Angle of view (H x V - °)	85 x 72
Sensitivity	0.1 (colour)

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ELECTRICAL CHARACTERISTICS	
Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC
Maximum absorption (W)	8.25

HARDWARE FEATURES	
Call type	Push-buttons
Type of buttons	Mechanical
Number of push-buttons (n°)	4
Backlight colour	White
Clamps	LL RTE COM DO SE- SE+C NC NO
Number of inputs (n°)	2
Number of outputs (n°)	2
Type of outputs	Relay (C-NO-NC, 10A@12÷24 VAC/VDC), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm)

SETTINGS	
Loudspeaker volume	Yes
Microphone volume	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating (with product installed)	IP54
IK vandal-resistance rating (with product installed)	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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MAIN FUNCTIONS	
Door opener	Yes
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Door open signaling input	Yes

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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	
Width (mm)	115
Height (mm)	160
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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QUADRA KIT AND WI-FI MINI HF. SB2

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

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

AUDIO FEATURES	
Type	Hands-free
Microphone	6mm (Ø), Omnidirectional
Loudspeaker	36mm (Ø), 40 Ohm, 1W

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

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	L L CFP1 CFP2
Removable terminals	Yes
Number of inputs (n°)	1

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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 (with product installed)	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), 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
Self Activation	Yes
CPS call	Yes
Intercom calls	Yes

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GENERAL FEATURES	
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

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1209 **SIMPLEBUS2 VIDEO KIT POWER SUPPLY UNIT**

33 VDC power supply unit with overload and short circuit protection devices. It has two separate continuous outputs: one to power the external unit and electric lock, and the other to power the monitor. Input voltage 110-240 VAC. Dimensions: 106x62x89mm (6 DIN modules).

MAIN FEATURES	
Supply voltage	110÷240 VAC
Max. current delivered (A)	1.2
Applicable to DIN rail	Yes
Number of DIN modules (n°)	6

GENERAL DATA	
Width (mm)	106
Height (mm)	62
Depth (mm)	89
Type of finishing materials	Plastic
Product color	White
Operating temperature (°C)	-5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 95

HARDWARE SPECIFICATIONS	
Product weight (g)	210

COMPATIBILITY	
Kit audio/video system	Yes

ELECTRICAL SPECIFICATIONS	
Maximum power delivered (W)	37

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1216 **SIMPLEBUS2 LINE TERMINATION TERMINAL**

Line termination terminal. To be mounted at the end of the riser, according to the indications given in the technical documentation, to optimise distribution of the signals.

GENERAL FEATURES	
Input connector	Terminal block
Certifications	EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011)

MAIN FEATURES	
Operating temperature (°C)	-5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 95

COMPATIBILITY	
Simplebus 2 audio/video system	Yes

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QUADRA KIT AND WI-FI MINI HF. SB2

ACCESSORIES



4793MC **CORTEN FACEPLATE FOR QUADRA W/BUTTONS**

Corten color faceplate for Quadra entrance panel with mechanical buttons.



4793MB **BLACK FACEPLATE FOR QUADRA W/BUTTONS**

Black faceplate for Quadra entrance panel with mechanical buttons



4793MA **ALUMINIUM FACEPLATE FOR QUADRA W/BUTTONS**

Aluminium colour faceplate for Quadra entrance panel with mechanical buttons



4791 **Adapter plate for Quadra**

Plate allowing installation of the Quadra external unit in 1- and 2-module flush-mounted boxes by Comelit, Bticino and Urmet. Dimensions 137x236 mm



4792 **RAIN SHIELD FOR QUADRA ENTRANCE PANEL**

Rain shield in painted aluminum for Quadra entrance panel, grey colour. Dimensions (W x H x D): 99 x 210 x 41 mm.

1217 **NAME TAG SHEETS FOR QUADRA ENTRANCE PANEL**

The kit contains 10 sheets of adhesive labels for nameplates

The technical specifications are subject to change without prior notice.

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ACCESSORIES



6732 DESK BASE FOR HANDSFREE MINI MONITOR

Desk base for desktop conversion of Handsfree Mini monitor. Complete with 1x 2 metre cable with RJ45 connector to connect monitor terminals to the coupler or domestic series socket. Dimensions: 140x190x140mm.

6720 Access. cables external passage for MINI HF. S2

Wall support bracket for handsfree Mini monitor allowing thru-routing of external cables.



1405 DIGITAL EXCHANGE 2 QUADRA INPUTS. S2

Audio/video switching module for audio/video kit systems. For use in systems with a maximum of 2 entrances with Quadra series external unit. Power supply from bus line. Dimensions: 35x90x58mm (2 DIN modules.

6710 BACKPLATE AND DISTRIBUTION TERMINAL FOR MINI MONITOR

Wall-mounting or residential series box backplate for MINI monitor, /BM versions with handset featuring magnetic induction for hearing aid wearers. Also includes riser distribution terminal Art. 1214/2C. Dimensions 145x100x4 mm.

1235A NAMEPLATE LABEL PRINTING SOFTWARE

Dedicated software for the creation and printing of nameplate and information labels for Ikall, Vandalcom and 316 Analog entrance panels. Requires use of adhesive labels art. 1218, 1219 or art.1220. This software is available to download free of charge from the Comelit website.

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ACCESSORIES



1409

MODULE FOR REMOTE CAMERAS. SIMPLEBUS 2

Remote camera module for Simplebus 2 2-wire digital systems. Allows management of up to 3 colour cameras in cyclical sequence from door entry monitors using a dedicated button. 12 Vac or 22 Vdc power supply. Dimensions: 66x83x37mm (4 DIN modules).



1404

SIMPLEBUS2 DIGITAL SWITCHING DEVICE

Audio/video switching module for Simplebus 2 digital systems. To be used in systems with more than one entrance. Power supply from bus line. Dimensions: 60x85x35 mm (4 DIN modules.

1229A

ADDITIONAL RINGTONE ACCESSORY. S2

Wall-mounted accessory for additional ringtone for direct connection to 2-wire bus. Allows ringtone selection and adjustment of ringtone volume with privacy function, equipped with dip switches for user code programming, floor door call input terminals and call repeat. Fitted with distribution terminal art. 1214/2C. Dimensions: 125x95x24mm.



1256

ACTUATOR RELAY. SIMPLEBUS 1 AND 2

Intelligent Simplebus device for controlling a relay on board (12÷24 VAC/VDC - 10A max). For use and programming of the function required, follow the indications given in the technical documentation. It can be used in Simplebus system. Power supply: 12 VAC or 20 VDC. Dimensions: 66X85X35mm (4 DIN modules). Line branch terminal art. 1214/2C in equipment.

The technical specifications are subject to change without prior notice.