



**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
Height (mm)	195
Width (mm)	95
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
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#### 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 (lux)	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	IP54
Vandal Resistant rating (IK code)	IK08
Operating temperature (°C)	-25 ÷ 55
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
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)

### MAIN FUNCTIONS

Door opener	Yes
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### MAIN FUNCTIONS

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	
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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Removable terminals	Yes
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## QUADRA KIT AND WI-FI MINI HF. SB2

### HARDWARE FEATURES

Number of inputs (n°)	1
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### SETTINGS

Loudspeaker volume	Yes
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Ringtone volume	Yes
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Screen brightness control	Yes
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### NETWORK AND COMMUNICATION PROTOCOLS

Type of Wi-Fi connection	IEEE 802.11 b/g/n, 2.4 Ghz, 13 channels
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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)
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IP address assignment	DHCP
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IoT connection to Comelit Cloud	Yes
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Firmware update via Comelit Cloud	Yes
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### ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP30
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Operating temperature (°C)	5 ÷ 40
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Operating humidity (RH max) (%)	25 ÷ 75
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Environmental class	I (B1)
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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)
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### GENERAL FEATURES

Door opener	Yes
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Automatic door opening on call (Doctor)	Yes
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Silent mode (Privacy)	Yes
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Self Activation	Yes
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**GENERAL FEATURES**

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





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**1209 SIMPLEBUS2VIDEO 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	
Height (mm)	62
Width (mm)	106
Depth (mm)	89
Type of finishing materials	Plastic
Product color	White
Operating temperature (°C)	-5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 95
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
CE 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

**8451V****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

**8451V****QUADRA KIT AND WI-FI MINI HF. SB2****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 Icall, Vandalcom, Quadra and 316 Analog entrance panels. Requires use of adhesive labels art.1217, 1218, 1219 or art.1220. This software is available to download free of charge from the Comelit website



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## QUADRA KIT AND WI-FI MINI HF. SB2

### 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 20 Vdc power supply. Dimensions: 60x85x35 mm (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.