PL8451V

QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

Single-family kit with Wi-Fi door entry monitor for Simplebus 2 system. The kit can be expanded up to 4 external entrance panels and up to 4 users, with 4 door entry monitors per user. Can be installed in both residential and tertiary environments. The kit is supplied programmed and ready to use. The Comelit app – available to download free of charge from the Google and Apple stores – can be used to manage calls and the main door entry monitor functions directly via your smartphone/tablet and Alexa/Ecoshow/Google Assistant voice assistants, both remotely and locally. Pairing the door entry monitor with the Comelit app is easy, quick and intuitive with the wizard. It can also be used to enable the ?Facial recognition? function directly via the app, to automatically – once a person has been recognised – send a lock-release command, 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 with call buttons for systems up to 4 calls, plus 1 Wi-Fi hands-free People series door entry monitor art. PL6741 and all the accessories required to create the system.

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PRODUCTS IN THE KIT

PL6741 **HANDS-FREE WI-FI PEOPLE DOOR ENTRY MONITOR 5. SB2**

People series Wi-Fi colour door entry monitor for Simplebus 2 system. Hands-free version with 5” / 16:9 screen. The Comelit app, available to download free of charge from the Google and Apple stores, can be used to manage calls and the main door entry monitor functions directly via smartphone/tablet and Alexa/Ecoshow/Google Assistant voice assistants, both remotely and on site. Pairing the door entry monitor with the Comelit app is easy, quick and intuitive with the wizard. It can also be used to enable the ?Facial recognition? function directly from the app, to automatically - once a person has been recognised - send a lock-release command, trigger an actuator to control a light or additional opening and receive notification when a known individual makes a call. It is equipped with a video memory which can store 8 video recordings. It is supplied with a metal surface-mounted backplate, which ensures it is firmly and securely anchored, and with a line distribution terminal. There are 3 backlit buttons to ensure ease of use: green for the “audio” function, red for the “end communication” function and white for the “electric lock” function. There are also 6 programmable buttons which are pre-configured for the main functions. On the other hand, there are buttons used to activate Silent mode and to access the menu on the right-hand side of the door entry monitor. It comes as standard with the floor door call, which can also be programmed for other functions, and terminals for call repetition. Even when switched off, the door entry monitor can be programmed using a smartphone and the MyComelit app, which can be downloaded free of charge. Dimensions (L x H x D): 135 x 170 x 23 mm.

GENERAL DATA	
Height (mm)	170
Width (mm)	135
Depth (mm)	23
Product weight (g)	430
Product color	White RAL9003, Black RAL9005
Type of finishing materials	ABS, PMMA
Wall-mounted	Yes

The technical specifications are subject to change without prior notice.

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

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

DISPLAY	
Display size (")	5
Type of display	TFT
Aspect Ratio	16:9
Resolution (pixels)	800x480
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	33VDC
Absorption in stand-by (W)	0.3
Absorption during communication (W)	8.6

HARDWARE FEATURES	
Type of buttons	Mechanical
Total buttons (n°)	9

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

HARDWARE FEATURES	
Backlight colour	Green, White, Red
Clamps	L L CFP CFP S- S+
Removable terminals	Yes
Number of inputs (n°)	1
Number of outputs (n°)	1

SETTINGS	
Loudspeaker volume	Yes
Ringtone volume	Yes
Screen brightness control	Yes
Screen contrast	Yes
Screen colour	Yes

NETWORK AND COMMUNICATION PROTOCOLS	
Type of Wi-Fi connection	Wi-Fi IEEE 802.11 b/g/n, 2.4 Ghz, 13 channels, Wi-Fi 6
Encryption and authentication method supported	TKIP WPA2-PSK, WPA3
Firmware update via Comelit Cloud	Yes
Comaptibility with Video Entry Comelit App	Yes
Programming user functions via OSD menu	Yes
Programming installer functions via OSD menu	Yes
Function programming via NFC and MyComelit app	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES	
IP protection rating	IP30
Operating temperature (°C)	5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 75

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

ENVIRONMENTAL AND COMPLIANCE FEATURES	
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
Selective intercom call	Yes
Panic call	Yes
Outside door call input	Yes
Redial	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Video memory	Yes
Actuator control	Yes
Integration with voice assistants	Yes
Face recognition	Yes
Door open signaling	Yes
Acoustic signalling	Yes
Visual signalling	Yes
Date/time display	Yes

The technical specifications are subject to change without prior notice.

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

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

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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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

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
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

The technical specifications are subject to change without prior notice.

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Door opener	Yes
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Door open signaling input	Yes

The technical specifications are subject to change without prior notice.

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

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

The technical specifications are subject to change without prior notice.

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QUADRA AND PEOPLE WI-FI HANDS-FREE KIT. SB2

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

The technical specifications are subject to change without prior notice.