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8451V/CAM

QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

SB2 SIMPLEBUS

Single-family kit with Cube Wi-Fi IP camera for Simplebus 2. 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. The Wi-Fi connection for the camera is programmed quickly and easily via the Comelit app. 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. It can be used to remotely monitor the home via the RTSP stream from the camera with a resolution of 720p, available in the Comelit app. 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, 1 Cube Wi-Fi IP camera art. WICCAMS02FA and all the accessories required to create the system.

AWARDS

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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

DESIGN
MILANO

DESIGN PLUS
powered by: light building

QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

PRODUCTS IN THE KIT

WICCAMS02FA   FULL-HD WI-FI CUBE CAMERA

WICCAMS02FA is a Wi-Fi IP camera dedicated to Secur Hub and video entry systems. With a dual RTSP stream, Full-HD maximum resolution, 10 frames per second and H.264 compression, it is ready for integration with the Secur Hub alarm control panel or the video entry system. Swivel desk/wall backplate and power supply unit included.

MAIN FEATURES	
Sensitivity	0 (led IR ON)
IR filter	Mechanical
Video resolution	1280x720 (HD 720p), 1920x1080 (Full-HD)

SOFTWARE/FIRMWARE SPECIFICATIONS	
Video compression	H.264
Frame rate	5fps
Protocols supported	802.11b/g/n (Wi-Fi, 2.4GHz), RTSP

FUNCTIONS	
White balance control	Automatic
Exposure control	AE

HARDWARE SPECIFICATIONS	
IR LED lighting distance	9 led / 10m
Wall support	Included
3-axis adjustment	Yes

GENERAL DATA	
Supply voltage	5VDC
Max absorption (W)	4

The technical specifications are subject to change without prior notice.

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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

GENERAL DATA	
Type of power supply	External power supply
Height (mm)	115
Width (mm)	80
Depth (mm)	80
Type of finishing materials	Plastic
Housing type	Cube
Product color	Black and white
Operating temperature (°C)	5 ÷ 50
Operating humidity (RH max) (%)	25 ÷ 75
Supplied accessories	Power supply

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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

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 KIT, 2-WIRE MINI WI-FI AND CAMERA

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

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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

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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

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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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

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
Technologies implemented	Full-Duplex

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

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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

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)
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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QUADRA KIT, 2-WIRE MINI WI-FI AND CAMERA

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