

**8461X/BM****QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.**

2-wire Simplebus door entry monitor kit comprised of: 1 Quadra series wall-mounted external unit art. 4893M, 1 power supply unit art. 1209 and 1 Maxi series hands-free colour monitor art. 6801W/BM, 1 flush-mounted box art. 6817, 1 wall bracket art. 6820, 1 distribution terminal art. 1214/2C and 1 line closure terminal art. 1216.

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**8461X/BM**

## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.

### 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	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
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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**8461X/BM****QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.****MAIN FUNCTIONS**

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


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**QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.**

**6801W/BM 7-INCH MAXI BM MONITOR, S2**

Colour monitor for flush-mounting (on Art. 6817) or wall-mounting (on support Art. 6820) with 7" 16/9 screen, hands-free full-duplex audio, touch sensitive controls and magnetic induction handset for wearers of hearing aids. Allows brightness, contrast and audio volume control, plus adjustment of the volume of the ringtone, which can be customised with a choice of different melodies. Equipped as standard with control buttons for lock-release and audio enable/disable with relative indicator LEDs, plus 6 further buttons for self-ignition, privacy service and other programmable functions. Manages floor door calls and call repeat as standard. Complete with 2 x 8-position DIP-switches for user code programming and button programming. Equipped with riser distribution terminal Art 1214/2C. The monitor can only be used in 2-wire Simplebus2 systems. Dimensions: 223x124x25mm.

**GENERAL DATA**

Height (mm)	124
Width (mm)	223
Depth (mm)	25
Product weight (g)	650
Product color	White RAL9003, base grey RAL7001
Type of finishing materials	ABS, Glass
Flush-mounted	Yes, with a dedicated accessory
Wall-mounted	Yes, with a dedicated accessory
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


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**DISPLAY**

Display size (")	7
Aspect Ratio	16:9
Resolution (pixels)	800x480

**AUDIO FEATURES**

Induction loop function	Yes
Microphone	4mm (Ø), Omnidirectional
Loudspeaker	80mm (Ø), 80 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)	1
Maximum absorption (W)	11.2

**HARDWARE FEATURES**

Type of buttons	Capacitive
Service buttons	Lock-release, Answer, Silent (Privacy), Door open
No. of programmable buttons for additional functions	4
Clamps	L L - + CFP1 CFP2 S+ S- In1 In2
Removable terminals	Yes
Number of inputs (n°)	2
Number of outputs (n°)	1

**SETTINGS**

Loudspeaker volume	Yes
Microphone volume	Yes
Ringtone volume	Yes


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**QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.**
**SETTINGS**

Screen brightness control	Yes
Screen contrast	Yes
Screen colour	Yes

**ENVIRONMENTAL AND COMPLIANCE FEATURES**

IP protection rating	IP30
Operating temperature (°C)	5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 75
Environmental class	III
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)

**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
Call forwarding	Yes
Outside door call input	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Sending alarm calls	Yes
Actuator control	Yes
Sound diffusion control	Yes
ViP anti-theft function	Yes
Multiple address	Yes
Receiving ViP messages	Yes



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## **QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.**

### **GENERAL FEATURES**

Door open signaling

Yes





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## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.



### **6820 S2 & VIP MAXI MONITOR WALL SUPPORT**

Wall support for Maxi monitor in ABS UV resistant. White RAL 9003 colour.

MAIN FEATURES	
Height (mm)	117.8
Width (mm)	216.5
Depth (mm)	14
Product weight (g)	50
GENERAL DATA	
Type of finishing materials	ABS
Product color	White RAL9003
COMPATIBILITY	
Simplebus 2 audio/video system	Yes
Vip system	Yes
MOUNTING/INSTALLATION	
Wall-mounted	Yes



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## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.



### **6817 FLUSH-MOUNTED BOX FOR MAXI MONITOR**

Flush-mounted box in black ABS. Dimensions: 212x115x50mm

MAIN FEATURES	
Height (mm)	115
Width (mm)	212
Depth (mm)	50
GENERAL DATA	
Type of finishing materials	ABS
Product color	Black RAL9017
COMPATIBILITY	
Simplebus 2 audio/video system	Yes
Vip system	Yes
MOUNTING/INSTALLATION	
Flush-mounted	Yes



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## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.



### **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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## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.



### **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

**8461X/BM****QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.****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.

**6812 DESK BASE FOR MAXI MONITOR**

Desk base for desktop conversion of Maxi monitor. Dimensions: 105x75x110mm.



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## QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.

### ACCESSORIES



**1217**

#### NAME TAG SHEETS FOR QUADRA ENTRANCE PANEL

The kit contains 10 sheets of adhesive labels for nameplates



**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).



**1235A**

#### NAMEPLATE LABEL PRINTING SOFTWARE

Dedicated software for the creation and printing of nameplate and information labels for Ikall, 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



**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).

**8461X/BM****QUADRA AND MAXI BM 1-FAMILY KIT, SIMPLEBUS SYS.****ACCESSORIES****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.