HFX-700W

BELLO KIT AND MINI HANDS-FREE, WI-FI, SIMPLEBUS 2

SIMPLEBUS2

HFX700W is our NEW door entry monitor kit with an updated design and improved technology. The kit includes our 4.3” hands-free MINI Wi-Fi door entry monitor art. EX-7000HW, one power supply unit art. 1209/4 and our NEW BELLO external entrance panel art. EX-B. Can be expanded up to 4 external units and 4 internal door entry monitors. The kit is pre-programmed and ready to use.

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PRODUCTS IN THE KIT

EX-B **BELLO OUTDOOR ENTRANCE PANEL KIT, SIMPLEBUS 2**

Bello series surface-mounted external unit for video entry systems. Wide-angle high-resolution colour video camera (108°) with white LEDs for night-time lighting. Water-resistant front panel (certified protection rating IP54). Tested for corrosion in saline mist and in extreme sunlight with UV rays. The durability of the call button has been tested with over 120k activations. Operating temperature -31°F to 131°F. Power supply from bus line. Dimensions: 5.8x3.1x inches.

GENERAL DATA	
Type	Monolithic
Height (inch) (in)	5.91
Width (inch) (in)	3.15
Depth (inch) (in)	1.06
Product weight (oz) (oz)	10.58
Product color	Black, Grey RAL7035, Transparent
Type of finishing materials	ABS, Polycarbonate Makrolon 2407
Wall-mounted	Yes

COMPATIBLE SYSTEMS	
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Simplebus 2 audio/video kit with power supply art. 1209	Yes

AUDIO FEATURES	
Microphone	9.7 (ø), omnidirectional
Loudspeaker	28mm (ø), 8 Ohm, 1W
Technologies implemented	Full-Duplex

CAMERA FEATURES

The technical specifications are subject to change without prior notice.

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Camera	Colors
Sensor type	1/4" CMOS
Lens optical dimensions (in)	0.06
Angle of view (H x V - °)	96 x 79 (108° diagonal)
Sensitivity	0.1 (color)
Video resolution	640x480

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus
Supply voltage	33VDC
Absorption in stand-by (W)	1.2
Maximum absorption (W)	10

HARDWARE FEATURES

Call type	Push-buttons
Type of buttons	Mechanical
Number of push-buttons (n°)	1
Backlight color	White
Clamps	L L RTE GND/SE- SE+ NO C
Removable terminals	Yes
Number of inputs (n°)	1
Number of outputs (n°)	2
Type of outputs	SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm), Relay (C-NO, 10A@12÷24 VAC/VDC)

SETTINGS

Loudspeaker volume	Yes
Microphone volume	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES

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IP protection rating	IP54
Vandal Resistant rating (IK code)	IK06
Operating temperature (°F)	-31 ÷ 131
Operating humidity (RH max) (%)	1 ÷ 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
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Acoustic signals of system status	Yes

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EX-7000HW

Mini Handsfree Wi-Fi monitor. S2

Wall-mounted hands-free monitor with full-duplex audio and 4.3" / 16:9 colour screen. It is equipped with a Wi-Fi port to allows calls forwarding to mobile devices. Allows brightness control, plus adjustment of the ringtone volume, which can be customised by choosing one of several different melodies. Equipped as standard with 8 sensitive touch back-lit controls for audio activation, door-opening, self-ignition, switchboard call, privacy service and LED signalling for the door status. Manages floor door calls as standard. Complete with 2 x 8-position dip-switch for user code programming and button programming. The wall-mounting backplate is included. Dimensions: 4.53"x6.3"x0.87".

GENERAL DATA	
Height (inch) (in)	6.3
Width (inch) (in)	4.53
Depth (inch) (in)	0.87
Product weight (oz) (oz)	14.11
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. 4888CU	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 (")	4.3
Type of display	LCD

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DISPLAY	
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)	8.1

HARDWARE FEATURES	
Type of buttons	Capacitive
Service buttons	Lock-release, Answer, Silent (Privacy), Menu, Messages
No. of programmable buttons for additional functions	4
Clamps	L L CFP1 CFP2
Removable terminals	Yes
Number of inputs (n°)	1

SETTINGS	
Loudspeaker volume	Yes
Ringtone volume	Yes
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
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 (°F)	41 ÷ 104
Operating humidity (RH max) (%)	25 ÷ 75
Environmental class	I (B1)
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)

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
Outside door call input	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Video memory	Yes

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GENERAL FEATURES	
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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1209/4 **4 OUT PSU FOR 2-WIRE VIDEO KIT**

Power supply for 2-wire video kit, 4 monitor outputs.

MAIN FEATURES	
Supply voltage	110÷240 VAC / 50÷60 Hz
Output supply voltage	33VDC
Max. current delivered (A)	0.5
Maximum inrush current (A)	2
Input connector	Terminal block
Applicable to DIN rail	Yes
Number of DIN modules (n°)	6

HARDWARE SPECIFICATIONS	
Product weight (oz) (oz)	0.02

GENERAL DATA	
Height (inch) (in)	3.52
Width (inch) (in)	4.17
Depth (inch) (in)	2.44
Type of finishing materials	ABS
Product color	White
Operating temperature (°F)	41 ÷ 104
Operating humidity (RH max) (%)	25 ÷ 75

COMPATIBILITY	
Simplebus 2 audio/video system	Yes

MOUNTING/INSTALLATION	
Wall-mounted	Yes

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ELECTRICAL SPECIFICATIONS	
Max absorption (W)	12
Maximum power delivered (W)	17

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