

**HFX-700B****BELLO KIT AND MINI HANDS-FREE, SIMPLEBUS 2**

HFX700B is our NEW “entry-level” door entry monitor kit with an updated design and improved technology. The kit includes our 4.3” hands-free MINI door entry monitor art. EX-7000H, 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 -13°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**



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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)	-13 ÷ 131
Operating humidity (RH max) (%)	1 ÷ 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
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Acoustic signals of system status	Yes



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**EX-7000H**

**COLOUR HANDS-FREE MINI MONITOR, S2**

Door-entry phone with electronic call function, conversation button on base, call volume control and privacy function, door open button and supplementary button or additional services. On this model it is not possible to add extra buttons or LEDs. Dimensions: 95 x 215 x 58 mm.

**GENERAL DATA**

Height (inch) (in)	6.3
Width (inch) (in)	4.53
Depth (inch) (in)	0.87
Product weight (oz) (oz)	17.64
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
Aspect Ratio	16:9
Resolution (pixels)	480x272

**AUDIO FEATURES**

Microphone	6mm (Ø), Omnidirectional
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**AUDIO FEATURES**

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)	0.05
Maximum absorption (W)	8.8

**HARDWARE FEATURES**

Type of buttons	Capacitive
Service buttons	Lock-release, Answer, Silent (Privacy)
No. of programmable buttons for additional functions	2 (5 with accessory art. 6734W)
Clamps	L L CFP1 CFP2
Removable terminals	Yes
Number of inputs (n°)	1

**SETTINGS**

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

**ENVIRONMENTAL AND COMPLIANCE FEATURES**

IP protection rating	IP30
Operating temperature (°F)	41 ÷ 104
Operating humidity (RH max) (%)	25 ÷ 75



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**ENVIRONMENTAL AND COMPLIANCE FEATURES**

Environmental class	I (B1)
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
Outside door call input	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Sending alarm calls	Yes
Actuator control	Yes
Multiple address	Yes
Door open signaling	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