

**HFX-700W****BELLO KIT AND MINI HANDS-FREE, WI-FI, SIMPLEBUS 2**

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.



HFX-700W

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

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