



BL1000 Single Button Hands-free VoIP Phone

Architectural & Engineering Specifications

1.0 GENERAL DESCRIPTION

1.1 The unit shall be a vandal-resistant ADA Compliant, high-quality, DSP-based full-duplex VOIP hands-free phone, model BL1000 from Emcom Systems, no substitutions.

2.0 CONSTRUCTION

2.1 The overall size of the unit shall be 9.75" H x 5.5 W x 1.75" D

2.2 The housing shall be made of gray, durable Kydex T material. The face shall be constructed of a Lexan film.

2.3 The rear cover/mounting plate shall be constructed of zinc-plated steel.

2.4 On the rear cover/mounting plate is a UL-approved gasket that the housing will seal to.

2.5 The unit shall weigh 3 lbs.

3.0 MOUNTING

3.1 The rear cover/mounting plate shall be mounted with four 6-32 screws. The hole pattern for the mounting screws matches certain 2 gang electrical boxes. The center of the mounting plate has a 1" diameter hole for passing power and communication wires to the phone.

3.2 The phone will be secured to the mounting plate with four 8-32 vandal-resistant screws, provided by Emcom.

4.0 FEATURES

4.1 A 1.5" x 3" oblong submersible speaker shall be mounted to the inside of the housing. A UL-approved gasket shall seal the speaker to the panel.

4.2 The phone shall be activated with a 1" diameter, white, raised, piezo button. The button shall be indicated with a black "Pressing Finger" icon centered on the button pad.

4.4 The Braille plate shall be embedded in the faceplate and contain grade 2 Braille that reads "CALL".

4.5 The phone shall have call indicators that are normally dark. Upon pressing the piezo button, the red call indicator will flash. There shall be a black "Handset Ringing" icon in the red call indicator illumination area. Upon the call being received, the green call indicator will flash. There shall be a black "Handset Checkmark" icon in the green call indicator illumination area.

4.6 The word "CALL" shall be continuously illuminated white on a black background. The 1" high letters are



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raised above the front surface .030".

4.7 The unit shall have two concentric rings, continuously illuminated, two different shades of blue in color, surrounding the activation button

4.6 The digital signal processor shall include background noise reduction.

4.7 The phone shall have the ability to be programmed remotely including volume adjustments thru a web browser.

4.8 The phone shall be fully compliant with Emcom's EmVista Maintenance Software.

5.0 POWER

5.1 The phone shall be capable of being powered from 12-48 VDC Power or VIA POE per IEEE 802.3af.

5.2 Non-volatile memory shall ensure that programming is retained during power loss.

6.0 CONNECTORS

6.1 The phone shall have 1 RJ-45 port and 1 power connector.

7.0 COMPLIANCE

7.1 The phone shall contain Braille symbols, highly contrasting lettering and two highly visible LED indicators for ADA compliance.

7.2 The phone housing shall meet UL94V-0 fire rating.

7.3 The phone shall be UL 62368-1 and CSA C22.2 No.62368-1 Listed.

8.0 WARRANTY

8.1 The BL1000 shall be warrantied against any defects in material and workmanship, under normal use and proper installation, for a period of 1-year from the date of shipment by the manufacturer. If the unit is found to be defective within the warranty period, the manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to the manufacturer.

9.0 MANUFACTURER

9.1 The Manufacturer shall be Emcom Systems. 609-585-5500, 92 N. Main St, Bldg 18A, Windsor, New Jersey 08561. www.emcomsys.com. THERE ARE NO EQUIVALENTS.