



IP6000-2 Single Button Hands-free VoIP Phone with DSL Ethernet Extender

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 with DSL Ethernet extender, model IP6000-2 from Emcom Systems, no substitutions.

2.0 CONSTRUCTION

- 2.1 The faceplate shall measure 11.75" H x 8.5" W x 3.5" D with six screw holes.
- 2.2 The faceplate shall be constructed of 0.102" thick stainless steel with a vandal-resistant microphone and speaker openings.
- 2.3 An 8.5" W x 11.75" H x 0.93" D UL-approved silicone gasket shall be mounted on the back of the faceplate to seal it to the mounting surface.
- 2.4 The rear cover shall be constructed of electro-galvanized steel with a black powder coated finish.
- 2.5 The unit shall weigh 8 lbs.

3.0 MOUNTING

- 3.1 The phone shall be mounted with six 10-32 stainless steel vandal resistant screws, provided with each unit.
- 3.2 The phone shall be compatible with any of the Emcom H3XX series of enclosures.

4.0 FEATURES

- 4.1 A 5" diameter submersible speaker shall be mounted via .50" stainless steel studs, locking washers and lock nuts. A UL-approved silicone rubber gasket shall seal the speaker to the panel.
- 4.2 A stainless steel screen and water repellant cloth shall be mounted between the faceplate and speaker for additional vandal resistance and weatherproofing.
- 4.3 The phone shall be activated with a 1.5" diameter, red powder coated aluminum, piezo button.
- 4.4 The Braille plate shall be made of .031" thick stainless steel and contain grade 2 Braille that reads "PUSH FOR HELP". Raised lettering and direction arrow shall be the color white contrasted with a black background.



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- 4.5 The phone shall have call indicator lights with one ½" diameter red light and one ½" diameter green light. Underneath the red light shall be text that reads "CALLING" and underneath the green light shall be text that reads "RECEIVED". These lights will correspond in real-time to the progress of the call.
- 4.6 The phone shall incorporate a DSL Ethernet extender inside the unit. The DSL Ethernet extender shall enable VoIP to operate at distances up to 3000 feet when connected with a voice-grade copper pair or one pair of a CAT 5 or 6 cable to a near end DSL-Ethernet converter. The near-end DSL Ethernet device shall be the Etherwan ED3501 or approved equal.
- 4.7 The digital signal processor shall include background noise reduction.
- 4.8 The phone shall have the ability to be programmed remotely including volume adjustments thru a web browser.
- 4.9 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 2 RJ-45 ports and 1 power connector.
- 6.2 The phone shall contain two auxiliary contacts that are Opto-isolated and rated 120mA - 250VAC.

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 shall meet NEMA 4X requirements when properly installed with the Emcom H3XX series of enclosures.
- 7.3 The phone shall be UL 60950-1 and CSA C22.2 No.609050-1 Listed.
- 7.4 The DSL Ethernet Extender shall conform to UL60950-1 safety and FCC Part 15B Class A.



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8.0 WARRANTY

8.1 The IP6000-2 shall be warrantied against any defects in material and workmanship, under normal use and proper installation, for a period of 2 years 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, 127 Route 206 South, Suite 27, Trenton, New Jersey 08610. www.emcomsys.com. THERE ARE NO EQUIVALENTS.