



IP6030-1R Rugged, VoIP Handset Phone with Keypad and Ringer

Architectural & Engineering Specifications

1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be a vandal-resistant, high quality, DSP-based full duplex VoIP handset phone with keypad and ringer, model IP6030-1R 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 The phone shall have a black, plastic handset attached to a 14" long armored cord.
- 4.2 The handset shall contain a hearing aid compatible earpiece and a noise-cancelling electret mouthpiece. The integrated handset press bar shall increase volume in the earpiece when depressed.
- 4.3 The armored cord mounting retainer shall be of constructed of stainless steel with an integrated lanyard retainer.
- 4.4 The hookswitch shall be a highly reliable magnetic reed switch that activates the phone upon removal of the handset.
- 4.5 The 12 button alphanumeric keypad shall be a sealed and secured with mounting studs.



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4.6 The sealed ringer shall provide a loud, clear ringing tone from the baffle on the front panel for incoming calls.

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 meet NEMA 4 requirements when properly installed with the Emcom H3XX series of enclosures.

7.2 The phone shall be UL 60950-1 and CSA C22.2 No.609050-1 Listed.

8.0 WARRANTY

8.1 The IP6030-1R 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.



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9.0 MANUFACTURER

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