

### **1.0 GENERAL DESCRIPTION**

- 1.1 The unit shall be a vandal-resistant, high quality, DSP-based full duplex VoIP handset phone, model IP6030-0 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 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 digital signal processor shall include background noise reduction.

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

4.7 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 IP6030-0 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, 92 N. Main Street, Building 18A, Windsor, New Jersey 08561. [www.emcomsys.com](http://www.emcomsys.com). THERE ARE NO EQUIVALENTS.