

1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be rack mounted radio translational interface between radio push-to-talk and carrier detect signals in trunking radio systems, model SA2000 from Emcom Systems, no substitutions.

2.0 CONSTRUCTION

- 2.1 The unit shall measure 7" high x 19" wide x 4" deep.
- 2.2 The faceplate shall be constructed of 11 gauge aluminum.
- 2.3 The unit shall weigh 8 lbs.

3.0 MOUNTING

- 3.1 The phone shall mount to a standard 19" rack with the four slots provided in the faceplate.

4.0 FEATURES

- 4.1 The unit shall provide a translational interface between radio push-to-talk and Carrier Detect signals in a trunking radio system.
- 4.2 The electronics on the panel shall translate the signals to and from radio into the IP domain where they are presented to a VoIP control system along with transmit and receive audio.
- 4.3 The unit shall provide 12 input and 12 output ports.

5.0 POWER

- 5.1 The unit shall be powered with one 120 VAC male plug.

6.0 CONNECTORS

- 6.1 The connection to the unit shall utilize a ribbon cable-style connector that is provided. One connector corresponds to the input side and a second connector to the output side.

7.0 COMPLIANCE

- 7.1 Components on the unit shall conform to FCC 47 CFR Part 15, Subpart B, Class A.



SA2000 - Radio, I/O Interface Panel

Architectural & Engineering Specifications

8.0 WARRANTY

- 8.1 The SA2000 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.