

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