

1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be a vandal-resistant wall or pole mount that is multi-functional and constructed of stainless steel, model CB 4-r from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high-intensity faceplate light suitable for interior or exterior applications.

2.0 CONSTRUCTION

- 2.1 The housing front shall be constructed of 12 gauge carbon steel brushed to a number 4B finish and a thickness of 0.125".
- 2.2 It shall measure 15.25" H x 10.25" W x 6" D at the top and 5" D at the bottom, and weigh approximately 35 lbs.
- 2.3 An opening for a communications device shall be cut approximately 3.56" below the top of the housing.
- 2.4 Tamper resistant proprietary fasteners manufactured for Code Blue Corporation shall be used. It shall not be possible to acquire the custom-designed bit from any other source.

3.0 MOUNTING

- 3.1 The unit shall be mounted using four 0.375" x 3" mounting bolts and 3" lag bolt anchors included with the unit through four openings in the back plate that are inaccessible without opening the unit. Mounting hole size shall be 0.44".

4.0 ELECTRICAL

- 4.1 All electrical components shall have a modular plug for easy service and replacement, and equipped with a fuse for protection from transient voltage conditions.
- 4.2 Requires .5 ampere at 24V AC standard.
- 4.3 One 1.13" conduit hole will be in the bottom of the unit.
- 4.4 The unit shall have the option for Power over Ethernet for connectivity to a VoIP network switch with 802.3af or 802.3at (minimum) capabilities. Requires the LS1000 or IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.

5.0 LIGHTING

- 5.1 **Faceplate Light:** This fixture will direct light onto the communications device and be vandal resistant.
 - 5.1.1 Opening shall measure 4.50" wide by .50" deep.
 - 5.1.2 The light shall have a lifetime of 100,000 hours and a rating of 100 Lumens.

6.0 COMMUNICATIONS

- 6.1 The unit shall have a speakerphone communication device.
 - 6.1.1 LS1000/LS2000 – VoIP: Refer to the ***LS1000 and LS2000 Architect and Engineering Specification*** for further information.
 - 6.1.2 IP5000 - VoIP: Refer to the ***IP5000 Architectural and Engineering Specification*** for further information.
 - 6.1.3 IA4100 - Analog: Refer to the ***IA4100 Architectural and Engineering Specification*** for further information.
- 6.2 EIA/TIA, ANSI, CSA and BICSI cabling or similar standards shall be adhered to for proper operation of devices connected to copper or fiber infrastructure.

7.0 FINISH

- 7.1 Four-coat paint process, with zinc-rich primer for corrosion resistance and baked-on polyurethane enamel for maximum gloss and shine.
 - 7.1.1 Optional clear coating process available to provide additional environmental protection.
- 7.2 Substrate preparation shall be as required to comply with applicable ASTM impact and adhesion standards: D2794 Direct and Reverse Impact, D523 Gloss @ 60 Degrees, D3359B Cross hatch Adhesion, D1654 Corrosion Creep, D714 Scribe Blisters and D714 Field Blisters.
- 7.3 The finish shall be available in 7 standard colors: Safety Blue, Safety Red, Safety Yellow, Gloss White, Gloss Black, Dark Bronze and Bright Silver. Custom colors shall be available.
- 7.4 Minimum coverage thickness of 2.0 mils for both primer and finish coats.

8.0 COMPLIANCE

- 8.1 Americans with Disabilities Act (ADA) compliant
- 8.2 UL 60950-1 and UL 2017 listed
- 8.3 NFPA 72 Chapter 24 (2010)
- 8.4 Meets NEMA 4 requirements

9.0 GRAPHICS

- 9.1 Engineering grade reflective vinyl for high visibility and legibility.
- 9.2 Standard 1.38" tall text offerings: Emergency or Assistance.
- 9.3 Standard graphics color offerings: Reflective White, Reflective Blue, Reflective Black.
- 9.4 Custom text, length and color options shall be available.

10.0 WARRANTY

- 10.1 The CB 4-r shall be warrantied against any defects in material and workmanship, under normal use, for a period of 2 years from date of installation. If system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

11.0 MANUFACTURER

- 11.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. www.codeblue.com. THERE ARE NO EQUIVALENTS.