



1.0 GENERAL DESCRIPTION

- 1.1 The unit shall be a vandal-resistant communications device that is a multi-functional, freestanding pedestal with an angled top and constructed of carbon steel, model CB 9-t from Code Blue Corporation, no substitutions. It shall include a high quality, hands-free communications device illuminated by a high intensity faceplate light, with additional faceplates available for multiple uses at both car and semi-truck height.

2.0 CONSTRUCTION

- 2.1 The unit shall be a cylinder constructed of ASTM A500 seamless carbon steel structural tube, schedule 20, 12.75" outside diameter x 0.25" thick wall. It shall be manufactured with a 30-degree backward slope to the top.
- 2.2 The unit shall have six configurations available:
 - 2.2.1 The CB 9-tdd shall have a dual openings enclosed by a 7 gauge steel plate at semi-truck and car heights for hands-free communications devices and additional faceplates available for directory listings, camera, card reader or other mounted devices.
 - 2.2.1.1 This unit is 102.43" tall and weighs approximately 330 lbs.
 - 2.2.2 The CB 9-tds shall have a dual opening enclosed by a 7 gauge steel plate at semi-truck height for a hands-free communications device and an additional faceplate available for directory listings, camera, card reader or other mounted device, with an additional third opening at car height for a hands-free communications device.
 - 2.2.2.1 This unit is 102.43" tall and weighs approximately 310 lbs.
 - 2.2.3 The CB 9-tdx shall have a dual opening enclosed by a 7 gauge steel plate at semi-truck height for a hands-free communications device and an additional faceplate available for directory listings, camera, card reader or other mounted device.
 - 2.2.3.1 The unit is 102.43" tall and weighs approximately 320 lbs.
 - 2.2.4 The CB 9-tds shall have a single opening enclosed by a 7 gauge steel plate at semi-truck height for a hands-free communications device, with a dual opening at car height for a hands-free communications device and an additional faceplate available for directory listings, camera, card reader or other mounted device.
 - 2.2.4.1 The unit is 94.18" tall and weighs approximately 310 lbs.
 - 2.2.5 The CB 9-tss shall have single openings enclosed by a 7 gauge steel plate at both semi-truck and car height for hands-free communications devices.
 - 2.2.5.1 The unit is 94.18" tall and weighs approximately 310 lbs.



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- 2.2.6 The CB 9-tsx shall have a single opening enclosed by a 7 gauge steel plate at semi-truck height for a hands-free communications device.
 - 2.2.6.1 The unit is 94.18" tall and weighs approximately 310 lbs.
- 2.3 The unit shall have an internal anchor base plate that is MIG welded 2" above the base and fabricated with a minimum of 0.50" thick A-36 grade steel plate. It shall have a 5" diameter center hole for electrical conduit access. The base plate shall have four oblong holes on an 8" circular bolt pattern for attachment.
- 2.4 An access door measuring 14" H x 9.64" W will be placed 10.94" from the bottom of the base to provide access for mounting to the anchor bolts and connectivity to electrical facilities. The opening shall have a cover plate, which mounts flush and is the same steel and radius as the unit. The cover plate shall fit into the opening and have a weather-resistant gasket. The cover plate shall be held in place by two ¼-20 x 1" countersunk proprietary fasteners.
- 2.5 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.
- 2.6 A recessed opening shall be cut at a point beginning 36.6" above the bottom of the unit. The opening shall be 15.1" tall at the forward edge and 12" tall at the rear edge, creating a 25-degree angle from the horizontal and an arc of 160 degrees in the face.

3.0 MOUNTING

- 3.1 The unit shall be mounted onto four anchor bolts that are set 0.50" above the concrete. Standard 0.75" x 24" galvanized steel anchor bolts, nuts and washers shall be supplied.
- 3.2 The concrete foundation shall measure 24" x 24" minimum and the anchor bolts shall protrude 6" from the foundation.
- 3.3 Unit shall include a weather-resistant, vented rubberized gasket mounted into the base to prevent entry of sediment and pests.

4.0 ELECTRICAL

- 4.1 All electrical components shall have a modular plug for easy service and replacement, and will be equipped with a fuse for protection from transient voltage conditions.
- 4.2 Requires .5 ampere at 24V AC.
- 4.3 Voltage options shall include: 12-24V AC/DC; 120, 240, 277 and 347V AC.
- 4.4 Optional NightCharge® power system, which can pull power from a switched light grid.



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- 4.5 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 IP5000 phone for connectivity to ToolVox or SIP/IAX2 compatible VoIP system.

5.0 LIGHTS

- 5.1 Faceplate light: LED will direct light onto the communications device and be vandal resistant.
- 5.1.1 The opening shall measure 4.50" W x .50" H.
- 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 IP5000 - VoIP: Refer to the *IP5000 Architect and Engineering Specification* for further information.
- 6.1.2 IA4100 - Analog: Refer to the *IA4100 Architect 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 polyurethane finish shall be available in 12 standard colors: Safety Blue, Safety Red, Safety Yellow, Midnight Blue, Gloss White, Gloss Black, Medium Bronze, Dark Bronze, British Racing Green, Cardinal Red, Bright Silver and Tiger Orange. Custom colors shall be available.
- 7.4 Minimum coverage thickness of 2.0 mils.

8.0 COMPLIANCE

- 8.1 Americans with Disabilities Act (ADA) compliant

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- 8.2 UL 60950-1 listed
- 8.3 NFPA 72 Chapter 24 (2010) compliant
- 8.4 Meets NEMA 4X requirements

9.0 GRAPHICS

- 9.1 Engineering grade reflective vinyl for high visibility and legibility.
- 9.2 Standard 3.25" tall and 30" long graphics text offerings: Emergency, Assistance, Security, Courtesy, Police, Information or Help Point.
- 9.3 Standard graphics color offerings: Reflective White, Reflective Blue, Reflective Black, Reflective Green, Reflective Red and Reflective Yellow.
- 9.4 Custom text, length and color options shall be available.

10.0 OPTIONS

- Overhead Camera Mount

11.0 WARRANTY

- 11.1 The CB 9-t 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.

12.0 MANUFACTURER

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