



1.0 RESPONSIBLE PARTY

- 1.1 Any and all questions or correspondence regarding this document and specifications herein shall be directed to:

Code Blue Corporation
92 East 64th Street
Holland, MI 49423
616-392-8296
aespecs@codeblue.com

2.0 SCOPE

- 2.1 This document is intended to provide complete and accurate specifications of the CB8 product offering by Code Blue Corporation for the purpose of inclusion in project specifications, requirements and recommendations required by potential users of Code Blue products and services.
- 2.2 The CB8 will be referred to as “unit” throughout this document.
- 2.3 Code Blue Corporation will be referred to as “manufacturer” throughout this document.

3.0 PRODUCT DESCRIPTION

- 3.1 The unit shall be an easily identifiable, vandal resistant communications device that is Americans with Disabilities Act (ADA) compliant, multi-functional, wall or pole mounted and constructed of heavy steel. The unit shall be aesthetically pleasing and virtually impervious to damage and shall include a high quality, vandal resistant, hands-free communications device illuminated by a high intensity faceplate light.

4.0 CONSTRUCTION

- 4.1 The housing shall be fabricated of 11 gauge steel. The unit shall be 14” W x 25.7” H x 12.75” deep at the top and 9” deep at the bottom. The top of the housing shall have a 33” radius. The bottom shall have openings for the passage of a communication line and electrical wires. There shall be a back plate fabricated of 11 gauge steel with four holes for the accommodation of mounting hardware. The front of the unit shall have a removable access door that is 7.50” H x 12.25” W.
- 4.2 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 source other than Code Blue Corporation. It shall not be possible to enter nor remove any component without this bit. All other types of fasteners shall not be acceptable under any circumstance.

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5.0 MOUNTING

- 5.1 The unit shall be mounted to the wall with four (4) 3/8" x 3" masonry anchors that are included with the unit.

6.0 ELECTRICAL

- 6.1 All electrical components shall have a modular plug for easy service and replacement. All electrical wiring shall be concealed within the unit and shall not be visible from the outside of the unit.
- 6.2 All electrical components in the unit shall be equipped with a fuse for protection from transient voltage conditions.
- 6.3 The unit shall require .5 ampere at 24v AC standard.
- 6.4 The unit shall have the option for Power over Ethernet for connectivity to a VoIP network switch with 802.3af (minimum) capabilities. Requires the IP5000 phone for connectivity to ToolVox Communication Manager or SIP/IAX2 compatible VoIP system. Refer to the Power over Ethernet Architect and Engineering Specification.
- 6.5 The unit shall have the option of a Power Brick for connectivity to 120v AC, 240v AC, 277v AC and 347v AC primary power. Refer to the Power Brick Architect and Engineering Specification.
- 6.6 The unit shall have the option for a NightCharge system. Refer to the NightCharge Architect and Engineering Specification.
- 6.7 The unit shall have a Solar Power option. This option shall come with a 125 Watt solar panel minimum and a 40 Ah battery minimum to power the unit.
- 6.8 The installer shall follow all NEC and local electrical codes when installing the unit power systems.

7.0 LIGHTS

- 7.1 Faceplate Light: A LED Faceplate Light shall be mounted within the unit above the recessed opening which houses the communications device. This fixture will direct light onto the communications device and shall be vandal resistant.

8.0 COMMUNICATIONS

- 8.1 The unit shall have a high quality vandal resistant and ADA compliant speakerphone communication device.
 - 8.1.1 IP5000 - VoIP: Refer to the IP5000 Architect and Engineering Specification for further information.



Architectural & Engineering Specifications

- 8.1.2 IA4100 - Analog: Refer to the IA4100 Architect and Engineering Specification for further information.
- 8.2 The unit shall be capable of communicating through an integrated 802.11g, 2.4 GHz IP wireless system. Refer to the IP Wireless Architect and Engineering Specifications.
- 8.3 The unit shall be capable of communicating through an integrated Secure Mesh wireless system operating at 2.4 – 5.9 GHz. Refer to the Secure Mesh Wireless Architect and Engineering Specifications.
- 8.4 The unit shall be capable of communicating through an integrated GSM Cellular device. Refer to the GSM Cellular Architect and Engineering Specifications.
- 8.5 EIA/TIA, ANSI, CSA and BICSI cabling or similar standards shall be adhered to for proper operation of Code Blue communication devices connected to copper or fiber infrastructure.

9.0 FINISH

- 9.1 The unit shall be finished with a highly graffiti and UV resistant coating process.
- 9.2 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
 - D714 Field Blisters
- 9.3 The polyurethane finish shall be a multi coat system available in 10 standard colors:
- Safety Blue
 - Safety Red
 - Safety Yellow
 - Midnight Blue
 - Gloss White
 - Gloss Black
 - Medium Bronze
 - Dark Bronze
 - British Racing Green
 - Cardinal Red
- 9.4 Custom colors shall be available as specified by the user and approved by the manufacturer.

Architectural & Engineering Specifications

9.5 The primer coat and finish coat shall each have a minimum coverage thickness of 2.0 mils.

9.6 No other types of finishes are acceptable.

10.0 GRAPHICS

10.1 The graphics shall be a durable Nikkalite engineering grade reflective vinyl for high visibility and legibility.

10.2 Standard 20" length graphics text offering shall be:

- EMERGENCY
- ASSISTANCE
- SECURITY
- COURTESY
- POLICE

10.3 Standard graphics color offering shall be:

- Reflective White
- Reflective Blue
- Reflective Black
- Reflective Green
- Reflective Red
- Reflective Yellow

10.4 Custom graphics text, length and color shall be available by the manufacturer.

11.0 GENERAL OPTIONS

11.1 The following optional equipment shall be available for the unit by the manufacturer. Please refer to the associated Architect and Engineering Specification:

- Remote Mount Beacon/Strobe Kit
- Pole Mount Kit

12.0 WARRANTY

12.1 The unit shall be warranted for a period of two (2) years. Reference manufacturer's warranty for further details.

13.0 MANUFACTURER

13.1 The manufacturer shall be Code Blue Corporation of Holland, Michigan. There are no known equivalents.

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Architectural & Engineering Specifications

- 13.2 Code Blue Corporation manufactures its products according to the most recent revision of our product specifications and shall not be held responsible for obsolete or outdated specifications. For the latest revision please refer to www.codeblue.com or contact Code Blue Corporation directly.