



Code Blue® 802.11g IP Wireless

Architectural & Engineering Specifications

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 802.11g IP Wireless 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 Code Blue Corporation will be referred to as “manufacturer” throughout this document.
- 2.3 Code Blue integrates a 3rd party product produced by Cisco, the Aironet 1310, for 802.11g infrastructure functionality. The specifications, configuration and support are provided directly from Cisco. The product overview, datasheet and support information can be found at: <http://www.cisco.com>

3.0 PRODUCT DESCRIPTION

- 3.1 Code Blue Unit (Non-Root Bridge):
- 3.1.1 The 802.11g IP Wireless shall be an integrated solution utilizing the Cisco Aironet 1310 series outdoor access point/bridge product. A 12dB patch antennae shall be mounted to the unit (CB1/CB5) or on the wall/pole (CB8) for communication with the Root Bridge. This product shall be physically integrated into specific models of Code Blue units to complete functionality of Code Blue emergency communications systems and software platforms over an IP wireless infrastructure.
- 3.2 Base Station (Root Bridge):
- 3.2.1 The 802.11g IP Wireless shall utilize the Cisco Aironet 1310 series outdoor access point/bridge product with Cisco 5.2dB omnidirectional antennae and 40' antennae cable.

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4.0 CONSTRUCTION

- 4.1 CB1 and CB5 units shall utilize an integrated Cisco Aironet 1310 series access point/bridge housed in a cylinder constructed of ASTM A500 seamless carbon steel structural tube, schedule 20, 12.75" OD x 0.25" thick wall and a height of 5.75".

5.0 MOUNTING

- 5.1 CB1 and CB5 units:
 - 5.1.1 The 802.11g IP Wireless cylinder shall be attached with three (3) pinch bolts to the CB1 unit and the CB5 adapter plate respectively.
- 5.2 CB8 Units:
 - 5.2.1 The 802.11g IP Wireless shall be mounted internally on the CB8 unit.
- 5.3 Base Station (Root Bridge):
 - 5.3.1 The 802.11g IP Wireless Root Bridge shall be mounted internally. The antennae wire should be extended outside of the building utilizing a weather head and mounted with the provided hardware.

6.0 POWER SUPPLY

- 6.1 CB1 and CB5 units:
 - 6.1.1 802.11g IP Wireless unit components shall be powered by connecting the provided wiring harness to the existing power supply system within the CB1 or CB5 unit per supplied wiring diagram. All connectors shall be molded for plug and play connectivity.
- 6.2 CB8 units:
 - 6.2.1 The 802.11g IP Wireless power shall be integrated at the factory.
- 6.3 Base Station (Root Bridge):
 - 6.3.1 802.11g IP Wireless base station shall be powered with Cisco standard power supply provided.

7.0 WARRANTY

- 7.1 802.11g IP Wireless shall be warranted for a period of one (1) year. Reference manufacturer's warranty for further details.
- 7.2 Yearly maintenance agreements shall be available from the manufacturer.

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8.0 MANUFACTURER

- 8.1 The manufacturer shall be Code Blue Corporation of Holland, Michigan. There are no known equivalents.
- 8.2 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.

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