

## Product Description

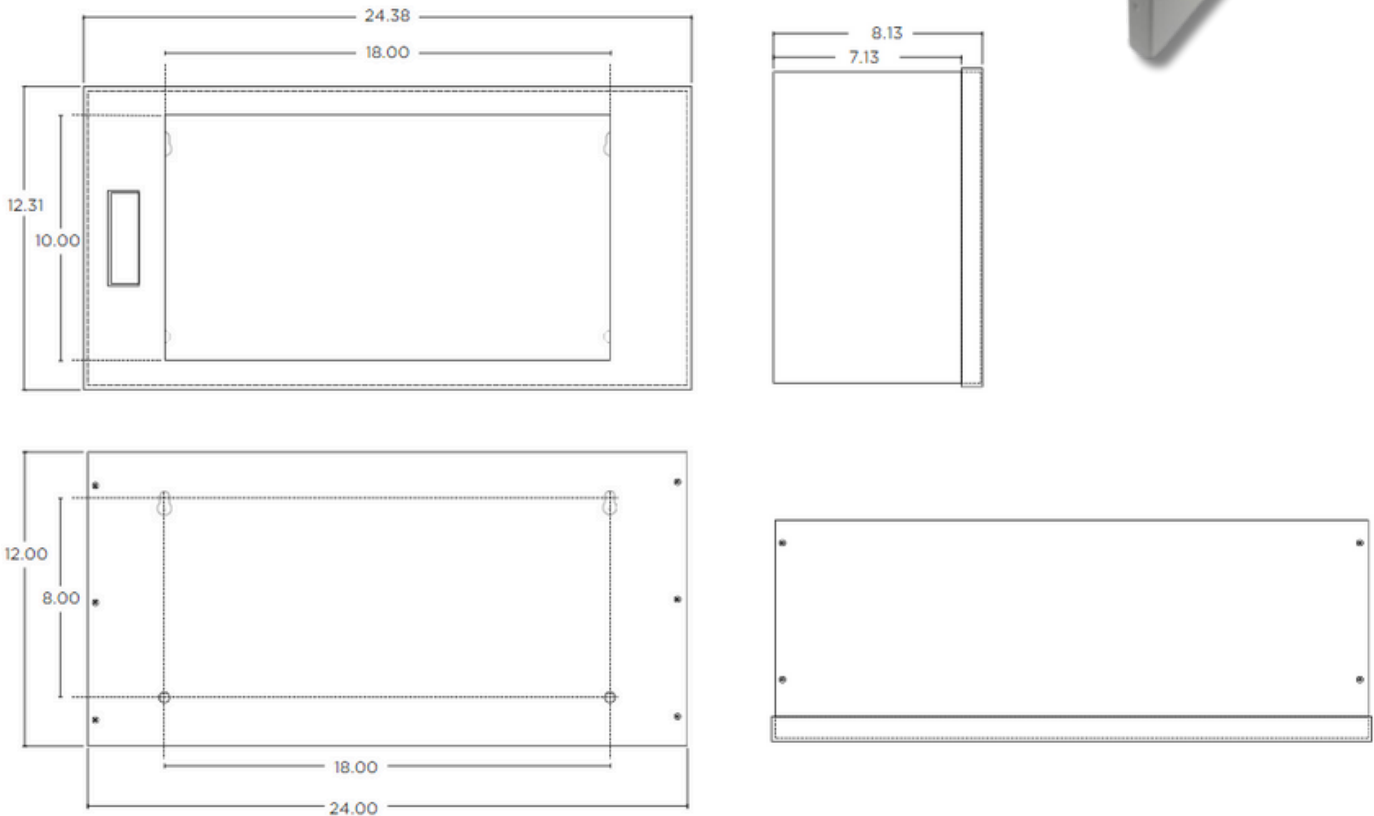
Code Blue offers a full suite of products that can be combined to create a complete **Area of Refuge** (AOR) ecosystem. In addition to our speakerphones, these include central station cabinets, desk phones, network switches, ToolVox™ servers, signage, & UPS battery backups. This collection of products allows you to integrate the benefits, durability, features, & flexibility of Code Blue products into your Area of Refuge system.

## Central Station Cabinet

Code Blue's **Area of Refuge Cabinet** provides the essential location to coordinate & control in-building rescue communications in the event of an emergency. This powder-coated steel cabinet provides adequate room for important equipment and keeps components out of the elements.



## Central Station Cabinet Dimensions



Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.

## Network Equipment

At the heart of any Area of Rescue system is the need to keep communications connected and reliable in times of crisis. The networking equipment that is installed for your AOR system is a vital backbone to ensuring your system operates correctly when it is needed most. Battery backups, network switches, rack equipment, and servers are often overlooked parts of an AOR ecosystem, but are just as important as communication & visual aid devices,

## ToolVox XS™ Server Appliance

Serving as the brain of your AOR system, a **ToolVox XS™ Server** reliably keeps your system connected and allows for the use of self-monitoring & diagnostic features to ensure your system is functioning properly at all times.

### ToolVox XS™ Hardware Details

- **Chassis size**
  - **Height:** 1.7" (1U Form Factor)
  - **Width:** 17.08"
  - **Depth:** 22.58"
  - **Weight:** 26.89 lbs. (12.2kg)
- Linux OS
- Swappable RAID drives



## UPS Battery Backup

Part of ensuring proper operation of your AOR system includes planning for instances where power may not be available. An **Uninterruptible Power Supply** (UPS or Battery Backup) needs to be parts of that plan. Not only does this help when the power is off, but it also provides data line & surge protection for equipment connected to it.

### UPS Battery Backup Hardware Details

- **Batteries:** 4x 12v 7Ah (user replaceable)
- **Runtime at Full Load:** 7 min
- **Runtime at Half Load:** 18 Min
- **Outputs:** 8x 120VAC Outlets
- **VA:** 1500 VA
- **Watts:** 1125 W
- **Dimensions:** 17" x 3.5" x 18.8"
- **Form Factor:** Rack Mount or Free Standing Tower
- **Rack Height:** 2U



Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.

## PoE Switches

A reliable **Power Over Ethernet (PoE) Network Switch** helps ensure that your connected equipment stays connected and powered up. While a 24-port option is our most commonly sold option for AOR applications, other configurations such as 16-port & 8-port are also available.

### 24-Port PoE Switch Details

- **Dimensions:** 1.73"x17.32"x8.19"
- **Ports:**
  - 24x 10/100/1000BASE-R RJ45
  - 4x 1G SFP
- **PoE Standard:** IEEE 802-3af/at
- **PoE Budget:** 370W
- **Operating Temp:** 0 to 45°C (32 to 113°F)
- **Desktop or Rack-mountable**



## Network Equipment Rack

A **Network Equipment Rack** helps keep vital equipment organized and protected. Our wall-mountable 12U equipment rack is large enough to house your AOR network equipment while taking up minimal space in your network room. Vented locking doors and panels keep the equipment cool and secured.

### Network Rack Specs

#### Side-Mount Wall Rack Low Profile Server Depth

- **Dimensions:** 26.46" x 24.77" x 36.22"
- **Weight:** 101.4 lbs
- **Rack Height:** 12U
- **Max Device Depth:** 32.50"
- **Weight Capacity (Stationary):** 500lbs
- **# of Vertical Mounting Rails:** 4
- **Locking Cabinet (keys included)**
- **Vented at sides, top, & bottom.**
- **Includes 20 M6 screws, 20 M6 cage nuts, 20 M6 washers, & 20 12-24 screws.**
- **Wall mounting holes spaced 16" apart for standard stud placement.**



Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.

## AOR Signage

Code Blue's **Area of Refuge Signs** help guide individuals within a building to reliable two-way communication, allowing first responders to assist individuals who cannot evacuate or may require additional assistance.

### Standard Features

- ✓ ADA Compliant
- ✓ NFPA 101 Compliant
- ✓ IBC Compliant
- ✓ Embedded Raised Lettering
- ✓ Self-Adhesive Mounting Vandal-resistant



**9" H x 6" W**  
(22.9 x 15.2 cm)



**5" H x 15" W**  
(12.7 x 38.1 cm)

**\*Arrow direction available facing left or right.**

## IP Desk Phone

Typically located inside a central station cabinet will be a desk phone to allow for communication back to the connected call stations within the AOR system. Code Blue's **IP Desk Phone** is a robust model that is sure to fit any all needs for your application.

### Desk Phone Specs

- **Lines:** 16
- **Display:** 5" 1280-720 Capacitive touch screen IPS LCD.
- **Network Interface:** Dual switched 10/100/1000 Mbps ports with integrated PoE/PoE+
- **Ports:** HDMI in/out, USB, Micro SD, headset jack, EHS
- **Extension Module Compatible**
- **Runs on Android 7.0 OS**
- **Dual-mic HD speakerphone with noise reduction, advanced echo cancellation & excellent doubletalk performance.**



Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.



## FXO VoIP Gateway

Not all communication devices within an AOR system are IP devices, so the use of an **FXO VoIP Gateway** may be needed to connect POTS/analog line devices. Utilizing one of these devices means you can easily take advantage of Code Blue's AOR system components whether you need to connect analog or VoIP devices.

### FXO VoIP Gateway Specs

- **Supports 3 SIP profiles through 1 FSX port & 4 FXO ports.**
- **Lifeline support** - FXS port will be hard-relayed to FXO port in case of a power outage.
- **Power:**
  - PoE(48V/1A)
  - 12VDC/1A
- **Telephony Interface:** 4 RJ11 FXO ports/1 RJ11 FXS
- **Network Interface:** Two 10/100/1000Mbps RJ45 ports, one with 802.3af PoE-PD support



## Code Blue Help Points® & Speakerphones

In addition to the components detail in this document, Code Blue manufactures a wide range of Help Points® and speakerphones that can be used within your AOR ecosystem.



Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.