Alert Beacon

Description

The Alertus©, Alert Beacons are designed to serve campuses, bases, and other large facilities that do not have an in-building emergency notification system and/or cannot use a retrofit unit because the current conventional voice public address system does not integrate with the building's fire alarm system. The latest standards from the National Fire Protection Association (NFPA 72-2010) point to the fact that there is no substitute for in-building emergency notification, with its reliability, localization, and intelligibility. Alert Beacons are an effective in-building alerting solution.

Alert Beacons attract attention with sounder and flashing strobes, while a large text display informs building occupants of the emergency and instructs them how to respond. The units are typically wall-mounted in high visibility areas, such as lobbies, front offices, prominent spaces, and by elevators and stairways. Alert Beacons are identified by zones to enable safety officials to notify specific areas, buildings, and corridors.

- **Reliable:** Not dependent on congested cellular or the internet; Field proven durability.
- **Affordable:** A fraction of the cost of a conventional voice PA system and with no recurring costs.
- **ADA Compliant:** Warns deaf and the hard-of-hearing.
- **Unobtrusive Design:** Blends in when not in use.
- **Connects to Peripheral Devices:** LED Signs, Text-to-Speech, electronic door locks, or other external equipment to extend functionality for any location requirement.
- **Green:** Consumes <5 watts (1/6 of a fluorescent light).
- **Redundant Communication Capable:** Receives notifications from the on-premise server through one or multiple pathways: Ethernet (Standard) or WiFi, FM Radio Subcarrier, or RF Paging.
- **Interoperable:** CAP and available API at no cost.

Figure 1 illustrates the Alertus Alert Beacon.

Alert Beacon **Alert Beacon Wireguard**

Figure 1 Alert Beacon Installed in an Outdoor Enclosure and an Alert Beacon Wireguard

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Wall-Mountable Notification Unit

Alert Beacon

Features

- **Strobes:** 8 High Intensity LED strobe clusters, 8 flash patterns; remotely configured and controlled; multi-color.
- **Sounder:** 8 tones; 106 decibel maximum; remotely configured and controlled.
- **Communication Paths:** PoE enabled Ethernet, FM Radio Subcarrier (RBDS), WiFi 802.11, or Telemetry Paging.
- **Interface:** Delivers a Text-to-Speech interface into FACP/PA System.
- **Security:** AES encryption; proprietary secure protocol between server and Alert Beacons.
- **LCD Viewing Distance:** 10-15 feet.
- **Power:** Low voltage, 12-24 volts AC or DC; Power-over Ethernet (PoE 802.3af) standard.
- **Mounting:** Secure wall-mounted brackets for flush or surface mounting or desktop stand.
- **Durability:** High impact ABS polycarbonate blend.
- **Battery Backup:** 8-24 hour backup, automatically recharges.
- **Programmable Buttons:** Selectively enabled for acknowledgment and other special requirements; otherwise disabled.
- **Code Compliance with the following Agencies:**
  - ADA
  - FCC
  - FEMA
  - OSHA
  - UFC-MNS

Specifications

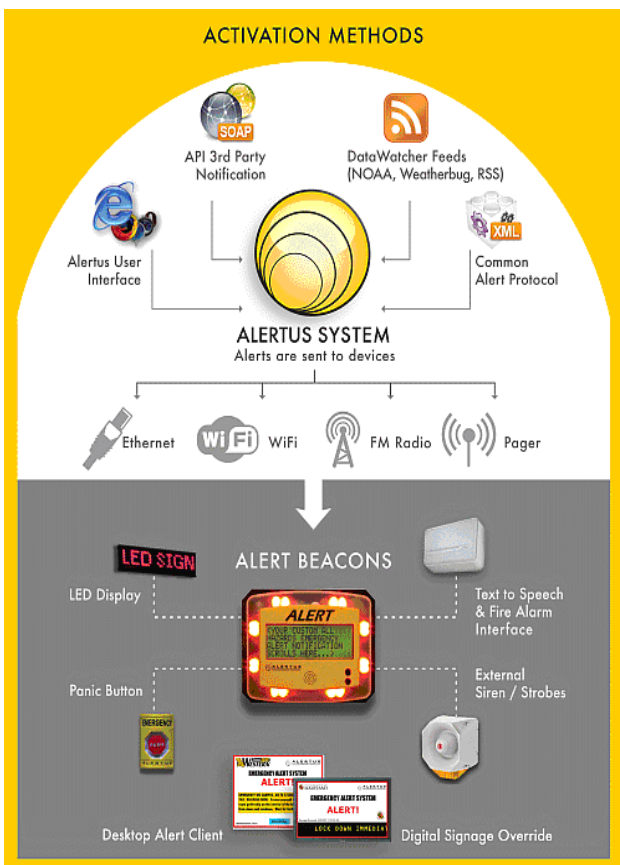|	
Input Power:	12-24 volts AC or DC; Power-over-Ethernet (PoE) standard
Backup Power:	Six (6) rechargeable AA-batteries
Dimensions:	7" H x 8" W x 1 3/4" D (17.8 H x 20.3 W x 4.4 D cm)
Weight:	1 3/4 lbs.
Installation:	Flush-mounts in double-gang electrical box
LCD Screen:	Backlit LCD - 4 lines x 20 characters, viewable from a distance of 10-15 ft
LED Strobes:	32 high intensity LED flashing strobe lights
Sounder:	On-board, 8-tone siren rated at 106 dB

Figure 2 illustrates the Alertus System overview.

Figure 2 Alertus System Overview

Ordering Information

Part Number Description

AAB-E	Alertus Beacon - Ethernet /PoE
AAB-W	Alertus Beacon - Ethernet/PoE with WiFi (802.11)
AAB-F	Alertus Beacon - Ethernet/PoE with Wireless FM
AAB-I	Alertus Beacon - Ethernet/PoE with Intercom Push-to-Talk
AAB-P	Alertus Beacon - Paging
AAB-G	Alertus Beacon - Educational Institute Grant Eligible
AAB-O	Alertus Beacon - Outdoor Enclosure
AAB-C	Alertus Beacon - Wireguard Cage
AAB-MBP	Alertus Beacon - Flush Mount Bracket
AAB-S	Alertus Beacon - Surface Mount Bracket (Deep Profile)
AAB-A	Alertus Beacon- AC Power Supply
AAB-B	Alertus Beacon - Rechargeable Battery Set
AAB-J	Alertus Beacon - PoE Injector, Single Port
MNS-IPR	Alertus Beacon - IP Relay
AAB-N	Alertus Beacon - Panic Button
ECS-B	Alertus USB Panic Button - Under Counter Type