

cat. **DC10-500B**

## Wi-Fi Smoke + Carbon Monoxide Alarm

### 10YR CO Sensor/10YR Alarm Life/10YR Battery

10 year CO sensor and alarm life. Sealed, tamper proof batteries last 10 years.

### Wireless Interconnect

Bluetooth BLE communication between alarms and Wi-Fi to connect to your iOS device.

### Flood Mesh Network Communication

2-way communication format that sends, receives and re-sends the alarm signals providing a more reliable network.

### App

Receive notifications in case of an alarm, test and silence, check alarm battery life levels, alarm history, and CO levels.

### Talking Alarm

Voice and location technology tells you the type of danger and the location. Choose from 13 pre-programmed alarm locations. Plan safest path to exit.

### Multi-Color Indicator Ring

Multi-color light ring provides visual indication of various alarm states.

### 2-in-1 Protection

Detects smoke and carbon monoxide in one alarm. Provides best protection throughout the home.

### Photoelectric Smoke Sensor

Helps reduce false alarms caused by cooking smoke or shower steam.

# Onelink®

## Battery Powered 10YR Sealed Lithium

### Description:

First Alert Onelink DC10-500B (model DC10-500) is a single station combination smoke and CO alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories, and other multifamily dwellings as defined in standard NFPA 101. It has been fully tested and complies with, UL217, UL2034, CSFM, NFPA 72, NFPA 720, HUD, CSFM and NFPA 101 and other agencies that model their codes after the above agencies. It meets building codes where battery powered smoke and CO alarms are required either separately or in combination along with wireless interconnect voice with location and silence features and with model building codes published by the ICC.

First Alert Onelink DC10-500B is a state of the art wireless talking combination smoke and CO alarm designed to provide early warning of a fire or CO. It features a fully insect screened Photoelectric smoke sensing chamber and an electrochemical carbon monoxide sensor, an 85dB horn, a full function test switch and a silence feature. The multi-colour light ring provides visual indication of various alarm states. This combination alarm interconnects via Bluetooth BLE communication. It also connects to your wireless router via Wi-Fi to provide access to your iOS device. You have a choice of 13 pre-programmed locations where a voice will announce the location and danger detected. When interconnected with other First Alert Onelink alarms it will also announce the danger and location detected of that alarm too. It operates on a Mesh Network; a two-way communication format that sends, receives and re-sends the alarm signals providing a more reliable network. Perfect for apartment, dormitory or hotel applications. Designed for wall or ceiling mounting. Includes mounting anchors and screws.



Marketed By :

**NEW AGE COMPANY LLC**

Fire Protection Engineers

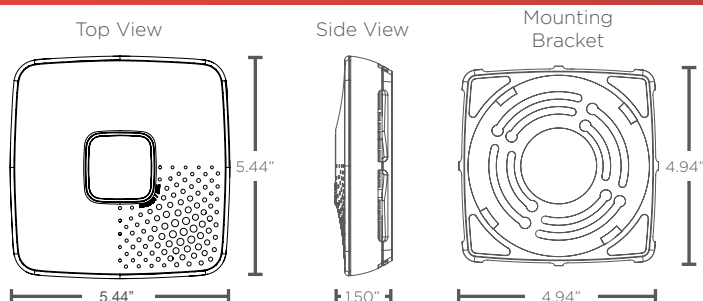
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Since 1976

## Line Drawing Specifications



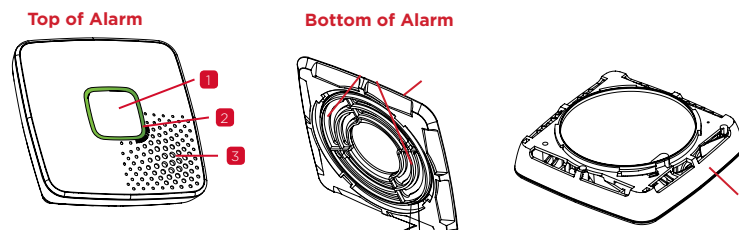
## Architectural And Engineering Specs

The alarm shall be a BRK/First Alert Model DC10-500 and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and an electrochemical CO sensor.
2. The unit shall be capable of self restoring.
3. A fully screened smoke sensing chamber to resist entry of small insects thereby reducing the probability of unwanted alarms.
4. Powered by a monitored sealed 10-year lithium powercell with a tamperproof design. The tamperproof design shall not allow the powercell to be removed.
5. Wireless Interconnect: Bluetooth BLE communication between alarms and Wi-Fi to connect to your iOS device. Typical communication distance between alarms inside a home is 50ft. (15m). Always check to make sure that all Alarms respond properly.
6. A Voice Warning of danger detected in addition to speaking one of 13 pre-programmed locations, e.g. "Warning, Evacuate, Smoke in Basement".
7. Flood Mesh Network Communication: 2-way communication format that sends, receives and re-sends the alarm signals providing a more reliable network.
8. Free App/Activity Log: App provides real time notification and history logging of all events by alarm so you can easily identify condition and trouble shoot incidents such as identifying initiating alarm or low battery condition.
9. A solid state piezo horn rated at 85dB at 10 ft.
10. A low power warning indicator shall cause the alarm to "chirp" when it reaches the end of its service life and needs to be replaced. Upon end of life, the unit shall meet UL requirements for disabling the alarm and the non re-installation of unit to mounting bracket.
11. Multi-Color Indicator Ring: provides visual indication of various alarm states. Green: Normal or completed operation; Blue: Voice prompts or Pairing; Red: Alarm/Warning; Amber: Malfunction/End of Life; White: Night light.
12. A full function test button. The test button should check all alarm functions by stimulating the chamber to simulate a smoke or CO condition, causing the unit to alarm. The unit should also have a silence feature to silence unwanted nuisance alarms.
13. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
14. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
15. The unit shall at a minimum meet the requirements of UL217, UL2034, CSFM, HUD, NFPA 72, NFPA 720, NFPA 101, ICC.

## Parts of this Alarm

Installation of this alarm must conform to all NFPA 72 and NFPA 720. Always check your local building codes. Follow all instructions for placement as outlined in the user's manual in sections titled "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms".



## TOP OF ALARM

- 1 Test Silence Button
- 2 Color Indicator Ring
- 3 Speaker/Alarm Horn

## BOTTOM OF ALARM

- 1 Alarm
- 2 Mounting Bracket
- 3 Mounting Slots

## Technical Specifications

Alarm Dimensions:	5.44"L x 5.44"W x 1.50"H
Alarm Weight:	11.6 oz
Operating Voltage:	3V Lithium Power
Temperature Range:	40°F (4°C) to 100°F (38°C)
Humidity Range:	10% to 95% relative humidity (RH)
Audio Alarm:	85dB at 10 feet
Voice Output:	Choice of 13 pre-programmed locations
BLE Wireless Frequency:	2.4 GHz. FCC approved. Complies with Part 15 of the FCC Rules.
Wi-Fi:	IEEE 802.11 b/g/n Radio/WLAN
Test/Silence:	Electronically simulates smoke and/or CO conditions causing the unit to alarm. Press and hold test/silence button.
Alarm Reset:	Automatic when smoke and/or CO clears
Smoke Sensor:	Photoelectric
CO Sensor:	Electrochemical
Interconnections:	Up to 18 units, BLE or hardwired (needs AC10-500B Bridge Unit), with smoke, carbon monoxide, heat alarms and relays. Maximum 12 smoke alarms.
Listing:	UL217 and UL2034 Standards

## Shipping Specifications

## Individual Carton

Dimensions	6.31"W x 3.25"D x 6.50"H
Weight	1.08 lbs.
Cube	0.08 ft <sup>3</sup>
UPC	0 29054 01569 3

## Master Carton

Dimensions	10.63"L x 6.63"W x 7.13"H
Master Pack	3
Weight	3.6 lbs.
Cube:	0.28 ft <sup>3</sup>
I 2of5:	300 29054 01569 4

## Pallet Information

Cases per Layer	26
Number of Layers:	7
Cases per Pallet:	182
Units per Pallet:	546
Cube:	58.9 ft <sup>3</sup>
Weight:	720 lbs.

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