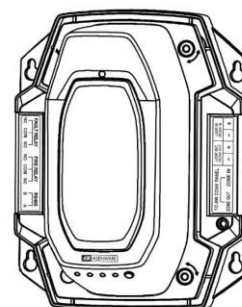**A W ASENWARE**

AW-D130 is a Linear Beam Smoke Detector with telescope-style dual-mirrors structure; its professional mirror design ensures good product performance and signal stability at a distance of up to 160m. With a very powerful 32-bit MCU as the controller, AW-D130 plays high performance, responds more sensitively, controls more quickly, and can detect subtle changes.

Its advanced intelligent algorithms can ensure reliable operation in various complex places, non-false alarms or missed alarms, and simplify installation. Just turn on the laser and adjust it to the reflective board to complete the focus and calibration.

The installation of the detector uses a high-precision symmetrical infrared laser, which has good long-distance focusing, good consistency, and long-term stability and reliability; the appearance is exquisite and practical, with a variety of connection terminals, and the connection is flexible and convenient.
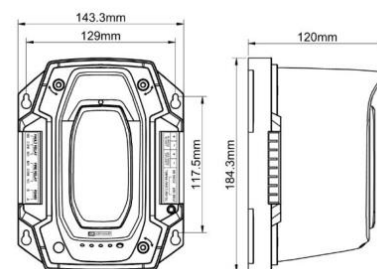
It can be connected and used with the AW-FP100/128/200/2166 series panels (by model).

## Features

- ✓ High-transparency telescope structure
- ✓ Easy debugging, accurate and fast alignment, intelligent and fast calibration;
- ✓ High quality, durability and highly sensitive sensor
- ✓ Automatic compensation, improves the ability to resist dust and vibration interference and reduces false alarms.
- ✓ Optical distance can reach to maximum 160m, minimum 5m
- ✓ Excellent reliability and stability
- ✓ Exquisite appearance, large detection range
- ✓ Supports both addressable and conventional applications
- ✓ Supports isolation function
- ✓ Supports infrared remote control operation.
- ✓ Suitable for all larger warehouses or more open protection places
- ✓ Meets all requirements of the latest EN54-12 standard

## Installation



## Technical Specification

| | |
|---|---|
| **Model** | AW-D130A/AW-D130C |
| **Main Voltage** | LOOP 24V or DC 12-24V |
| **Working Current** | static current ≤10 mA@DC 24V, alarm current ≤15 mA@DC 24V |
| **Laser Concentricity** | ≤1°@160m |
| **Beam Misalignment** | ±0.8°@160m |
| **Alarm Sensitivity** | High≤2.6 dB; Medium≤3.8dB; Low≤5.0dB.(Default is medium) |
| **Optical Detection Distance** | 5 -160m |
| **Standard Number Ref** | EN54-12 |
| **Environmental Conditions** | Temperature range: -10 to 50°C (14~122°F) Humidity: ≤95% RH, non-condensing |
| **Material and Color** | ABS, white |
| **Size** | 184.3*143.3 *120 mm |
| **Weight** | About 555g |