



Digital Intelligent Devices



DI-9102



Digital Intelligent Optical Smoke Detector

- Advanced digital communication
- Built in 8 bit microprocessor
- Algorithm maps for faster response and false alarm rejection
- Secure and speedy communication
- Intelligent drift compensation
- Self diagnosis and history log
- Electronic addressing
- Duplicated address report
- Sensing chamber for exceptional dust proof ability and LED for 360° vision
- Built in remote indicator output
- Unique low profile design
- EN54 compliance

Technical Specifications

- Standard: EN54-part7
- Operating Voltage: 24VDC Loop
- Operating Current:
 - Standby Current: 0.6mA
 - Alarm Current: 3mA
- Operating Environment:
 - Temperature: -10 ~+50°C
 - Relative Humidity: 95%
- Field Programmable Sensitivity: 0.102dB/m ~ 0.316dB/m-3 levels
- Dimensions: Diameter 100mm, Height 44.5mm



DI-9103



Digital Intelligent Dual Heat Detector

- Built in 8 bit microprocessor
- Advanced digital communication
- Secure and speedy communication
- Self diagnosis and history log
- Electronic addressing
- Duplicated address report
- LED for 360° vision
- Built in remote indicator output
- Unique low profile design
- Fixed temperature response is adjustable
- EN54 compliance

Technical Specifications

- Standard: EN54-part5
- Operating Voltage: 24VDC Loop
- Operating Current:
 - Standby Current: 0.6mA
 - Alarm Current: 3mA
- Operating Environment:
 - Temperature: -10 ~+50°C
 - Relative Humidity: 95%
- Detector Class: A1R, A2R, BR, A1S, A2S, BS
- Dimensions: Diameter 100mm, Height 41mm



DI-9101

Digital Intelligent Multi Sensor

- Combined all the features of DI-9102 Optical and the DI-9103 Heat detector
- Advanced digital communication
- Electronic addressing
- LED for 360° vision
- Sensing chamber for exceptional dust proof ability
- Ideal alternative to Ionization detector
- Low profile design

Technical Specifications

- Standard: EN54-part 5 / 7
- Operating Voltage: 24VDC Loop
- Operating Current:
 - Standby Current: 0.6mA
 - Alarm Current: 1.5mA
- Operating Environment:
 - Temperature: -10 ~+50°C
 - Relative Humidity: 95%
- Field Programmable Sensitivity: 0.102dB/m ~ 0.316dB/m-3 levels
- Dimensions: Diameter 100mm, Height 44.5mm



DB-01

Standard Base

- Standard base for digital DI/DC range of detectors
- No electronics, safe on the time of installation



DI-9204



D-92FC

Digital Manual Call Point

- Re-settable (non-breaking glass) via special key
- Advanced digital communication
- Electronically addressing
- Friendly installation and test
- Wiring before termination
- Semi-flush mount installation
- Optional back-box for surface mount
- Stylish pleasing design
- LPCB Listed

Technical Specifications

- Protection Rating: IP55
- Operating Voltage: 24VDC Loop
- Operating Current:
 - Standby Current: 0.6mA
 - Alarm Current: 1.8mA
- Operating Environment:
 - Temperature: -10 ~+50°C
 - Relative Humidity: 95%
- Application: Indoor use
- Dimensions: 87 x 87.5 x 58 mm, Surface Mount
87 x 87 x 23.5 mm, Flush Mount

Protective Flip Cover

- Protects manual call point from accidental activation
- Meets requirement of '2 part operation' in consultant specifications
- Suitable for manual call points DI-9204 and DC-9204



D-92WPB

Weather Proof Box

- IP65 protective enclosure for manual call points
DI-9204 and DC-9204



DC-9504

Base Mount Isolator

- In the event of a short circuit isolates faulty parts of the loop
- Automatically resetting once the fault has cleared
- Compatible with digital range of detector
- Can be used standalone with cover or in stead of standard base
- Replace standard base of digital range detector (DB-01)
- Cost effective installation without the need for additional cabling
- Features as per C-9503
- LED status indicator

Technical Specifications

- Operating Voltage: 24VDC
- Active Current: 1A
- Operating Environment:
 - Temperature: -10 ~+50°C
 - Relative Humidity: 95%
- Application: Indoor use
- Visual Indicator: Yellow LED (lit steady when alarm, off normal state)
- Dimensions: Diameter 100mm, Height 37.5mm (with cover)