

## TSD-5150

### Multi Detector with Relay Output

The TSD-5150 Optical Smoke + Heat Detector is a 12V - NC contact output detector designed to allow burglar alarm panels to detect fire situations.

The detector uses optical and heat detection technology to identify fire. It features a set of advanced algorithms to minimize false alarms. It can provide pollution warnings, and the smoke chamber can be easily cleaned. It can be directly connected to burglar alarm panels.



### General Features

- Supports Optical and A2S Detection Class
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Supports 2 NTC to prevent false alarms
- Comply with TFA-0120 Detector base

### Technical Specifications

|                            | TSD-5150                  |
|----------------------------|---------------------------|
| Operating Type             | Optical/Smoke/Heat        |
| Smoke Detection Level      | ~0.15db/m                 |
| Alarm Output               | NC Dry Contact/1A-10W     |
| <b>Electrical</b>          |                           |
| Power                      | 10-18VDC                  |
| Standby Current            | 10mA                      |
| Alarm Current              | 10mA                      |
| Start-up Time              | 15 seconds                |
| <b>Mechanical</b>          |                           |
| Weight (With/Without Base) | 183g / 125g               |
| Dimensions (mm)            | Ø110, h42                 |
| Body Material and Color    | ABS White                 |
| LED Notification           | Red (Alarm) Blue (Status) |
| <b>Environmental</b>       |                           |
| Operating Temperature      | -10°C ~ 70°C              |
| Humidity                   | 95% RH (max)              |
| Protection Class           | IP30                      |

