

Heat Detector — CD121

Product summary

CD120 is a conventional smoke detector, adopted non-polarity 2-Wire technology. The design incorporates a highly integrated 8 bit professional MCU which provides powerful analysis & judgment capacity and reliability. Heat detectors generally have a greater resistance to environmental conditions than other types of detector, have the greatest immunity to false alarms and generally require only the minimum of routine attention during system maintenance. Heat detectors are generally less sensitive to most fires than all other types of fire detector, but suitable for application which smoke detector or other fire detector is not suitable.

eg:

1. Humidity often bigger than 95%
2. Possible certain very clean-burning fires
3. Dirty environment with dust
4. As smoking room such area which smoke or vapour will often present
5. Kitchen

Feature:

- 2-wire (without Remote LED output).
- Wide voltage range, and stable output.
- Advanced detection and smoothing algorithms.
- Reliable early warning of a fire condition.
- Durable sensor head, no need for replacement.
- Easy installation.
- Sleek low-profile housing design.
- Low cost, high performance.
- Five-year limited warranty.

Technical Data:

Operating Voltage	10-33VDC
Grade	A1S
Alarm Temperature	140F/60°C
Rate-of-Rise Threshold:	Rate-of-Rise Threshold:
Ceiling Spacing	cover radius is 6m (storey height less than 6m)
Reset Voltage	less than 5 volt
Reset Time	less than 2 second
Alarm Indicator	LED continuously emitting red light
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 70°C
Humidity	0 to 95% RH, no condensation or icing
Dimensions	106mm (dia.) x 35mm (ht.) with base
Weight	base 80g/set with base

Appearances:

