

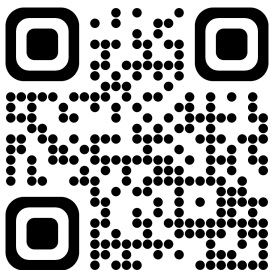


Fire Alarm System

HD106 Beam Detector



Data sheet



www.hstfire.com



General Description:

The HD106 is a conventional beam smoke detector, which must be used together with a reflector.

The number of reflector(s) to be used (one or four) depends on the distance from the detector.

With excellent built-in microprocessor, the detector has strong ability of analysis and judgment. The detector can automatically carry out system adjustment, compensation of variation of ambient data, and judgment of fire and fault through fixed algorithm, and indicate these states by LED and signal output terminals. With new and reasonable design, attractive appearance, flexible adjustment and alignment method it's easy to install and adjust.

The detector is applicable to historical buildings, warehouses, large storages, shopping malls, museums etc, as well as places where slight smoke particles exist.



**HD106 Beam
Detector**

Reflector

Specifications

Operating Voltage Range	15 to 28VDC Volts Non-polarized
Standby Current	≤12mA @ 28 VDC
Maximum Alarm Current (LED on)	≤22mA @ 28 VDC
Operating Humidity Range	10% to 93% Relative Humidity, Non-condensing
Operating Voltage Range	-°10C to °50C
Monitoring Area	1400m ² , Maximum
Length of Optical Pathway	8m to 100m
Dimensions(mm)	206*95*95
Weight	450g