

## AT-FA-AD2E

Aspirating Smoke Detector

### DESCRIPTION

The Intelligent Aspirating Smoke Detector **AT-FA-AD2E** is designed to standard with qualities of simple installation, operation, and easy maintenance.

The detector consists of an air pump, a smoke detection chamber, a control circuit and a display circuit. The sampling pipe network consists of PVC pipe or steel pipe, which is flexible in the protected area. It is very useful for server room, cold storage, electrical room, special room.



### FEATURES

- Large monitoring area 2000m<sup>2</sup>
- Four-stage fire alarm mode
- Networkable for remote monitoring
- Monitor airflow in real time and determine whether the airflow is blocked or the sampling tube is cracked according to the set airflow threshold level
- Environment smoke concentration adaptive
- Intuitive Display

### SYSTEM COMPOSITION

The aspirating smoke detector consist of a smoke detector and a piping system.

The smoke detector alarm is composed of detection module, main control board, display operation panel and relay output board. The piping system is provided by the installers.

AT-FA-AD2E have one detection module inside, which contains two air inlets.

# FIRE ALARM SYSTEM

## TECHNICAL SPECIFICATION

<i>Operating Voltage</i>	PSU: 24Vdc (20.4 ~ 27.6V) Loop : 24Vdc (16 ~ 28V)
<i>Operating Current</i>	PSU: <820mA Loop : <1.8mA
<i>Sensitivity</i>	Min. 0.001%obs/m
<i>Device Address</i>	1
<i>Lifetime for Sampling Pump</i>	100,000 hours
<i>IP rating</i>	IP20
<i>Operating Temperature</i>	-20C - +55C
<i>Sensitivity</i>	0.035-0.80%obs/m
<i>Max. Length of sampling Pipe</i>	110m *2
<i>Max. Quality of Sampling Pipe</i>	≤46 holes
<i>Max. Protection Area</i>	2000m <sup>2</sup>
<i>Networking Method</i>	RS485
<i>Networking Capacity</i>	Max. 255pcs
<i>Dimension (mm)</i>	315mm(H) x 208mm(L) x 122mm(D)
<i>Weight</i>	2.0 kg