

IR4 Flame detector

CSHD-QIE-1000

Product Overview

CSHD-QIE-1000 is an IoT based wireless IR4 flame detector that can quickly inform control centers and administrators of the fire outbreaks via wireless repeater and receiver and notify them with SMS messages.

Main Features

- Self-detection systems that operate independently
- Immediate on-site alerts in case of fire
- Real-time monitoring through IoT systems
- Fire monitoring based on big data analysis
- Monitoring of viewing window contamination

Specifications

Dimensions	(W)136mm x (D)112mm X (H)126mm
Weight	Aluminum (AC4C) 1.3kg
Field of View (Horizontal/ Vertical)	105°
Detection range	50m
Operating temperature	-40°C ~ 75°C
Operating humidity	RH95% or less
Response time	1.0 ~ 30 sec (May vary depending on size and type of flame)
Relay	A contact, B contact
Communication	4-20mA, RS-485, HART communication (optional)
Power consumption	DC24V – Standby : 40mA (±20%) , Alarm : 50mA (±20%)