

FEATURES

- ✓ Multi-criteria FlashScan detector
- ✓ 159 Detectors per loop
- ✓ 4 detection principles In one detector
 - Photo-Optical
 - Carbon Monoxide
 - Thermal
 - Infra-Red
- ✓ Advanced onboard algorithms
- ✓ High CO alarm @ 45ppm
- ✓ Ultimate in false alarm immunity
- ✓ Six levels of sensitivity
- ✓ Twin LED indicators



PRODUCT DESCRIPTION

FireSense INTELLIQUAD™ is an analog addressable point detector for use with 2800 & 3030 series fire alarm panels.

INTELLIQUAD™ combines independent photoelectric smoke, carbon monoxide, thermal heat, and infra-red light sensors working together in one device managed by highly sophisticated and responsive algorithms. By measuring and processing the individual sensor outputs in conjunction with the intelligent algorithms, the detector is ultra-immune to nuisance alarm sources that can be incorrectly identified as a real fire by one sensing element, yet is very sensitive to the widest range of fire types.

This detector is ideal for use in areas prone to nuisance alarms (eg. disco's, self contained units with cookers, industry with welding and grinding) or when fast and accurate fire detection is required.

The infra-red input is used to specifically filter out known causes of false alarms such as welding yet increase detection speed in flaming fire scenarios. INTELLIQUAD™ continually monitoring all four elements ensure the best immunity to the threats of a false alarm, coupled with the widest range of detectable fire types.

Note: This is an indent item, lead times of up to 4-6 weeks may apply.

TECHNICAL SPECIFICATIONS

Detectors Per Loop (Total)	159
Operating Voltage Range	15 to 32Vdc
Maximum Standby Current	200µA @ 24Vdc (no communications)
Maximum Alarm Current (LED on)	7.0mA @ 24Vdc
Operating Humidity Range	10% - 93% relative humidity (non-condensing)
IR Limits	0-450uW/cm ²
CO Limits	0-500 PPM
Photo Optical Range	3.2% Obs/m - 13% Obs/m
Programmed As	Type ID 9: INTELLIQUAD
Application Range	0° to 38°C

APPROVALS

- ✓ SSL (CSIRO) Approved
- ✓ ActivFire certified - Listing No. afp-2381 (Notifier Model FSC-851AUS)