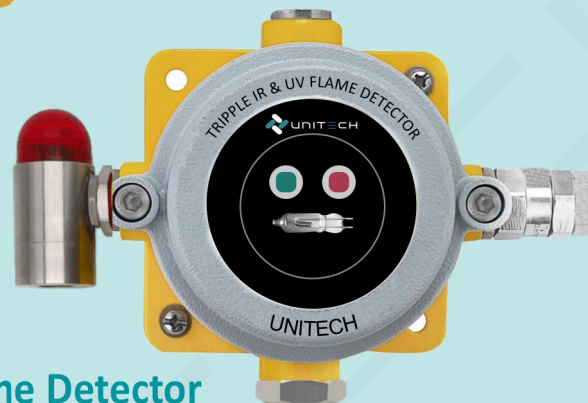
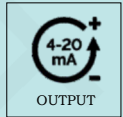
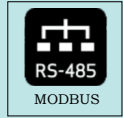


3 IR & UV Flame Detector



2 IR & UV Flame Detector



PRODUCT OVERVIEW

- ✦ The detector identifies Multi-Spectral Sensitivity of Fire through the utilization of UV and IR Sensors.
- ✦ 30 Metres of Clear Line of Sight Visual Range (up-to specific distance)
- ✦ Triple Spectrum Design - for Long Distance Detection & Excellent False Alarm Immunity.
- ✦ Sensitivity Selection - To Ensure no zone cross over detection.
- ✦ High Sensitivity combined with fast response time to ensure rapid & accurate flame detection.
- ✦ 2 Nos. Potential Free Relay Output with Audio Visual Hooter Alarm
- ✦ Isolated 4 - 20 mA DC Output (Stepped)
- ✦ Multidrop RS485 Modbus RTU Communication for SCADA / DCS Connectivity

APPLICATIONS

- ✦ Chemical & Petrochemical Plants
- ✦ Refineries
- ✦ Inshore & Offshore Oil & gas Installation Pipeline
- ✦ Hazardous Storage Tank farms
- ✦ Pharmaceutical Industries
- ✦ Textile & Printing Industries
- ✦ Fuel & Gas Processing & Storage Facilities
- ✦ Power Plant / Nuclear Power Sites

TECHNICAL SPECIFICATION

Measuring Principle	UV Band (185 nm to 260 nm) Three IR Band (3000 nm to 5000 nm)
Response Time	Typically Less than 5 Seconds (Depending on Flame Size & Sensivity)
Field of View	90° Horizontal, 90° Vertical
Adjustable Time Delay	Up to 30 Second
4 - 20 mA Output	Stepped Output Fault : 1 mA Normal : 4 mA Fire Detect : 20 mA
LED Indication	Power LED (Green) Fire Detect LED (Red)
Relay	2 Nos. Potential Free Relay for Fail Safe, Fire Detection & Auxiliary Output
Communication	RS485 Modbus RTU
Operating Temperature	-20 to 85 °C
Storage Temperature	-30 to 95 °C
Humidity	Less than 95% Non-Condensing
IP Protection	IP66 & IP68
Enclosure MOC	Cast Aluminium Alloy LM - 6 Construction
Cable Entry	3 Nos. Cable Entry 3/4 ET
Mounting	Wall Mount / Pipe Mount
Power Supply	24 V DC