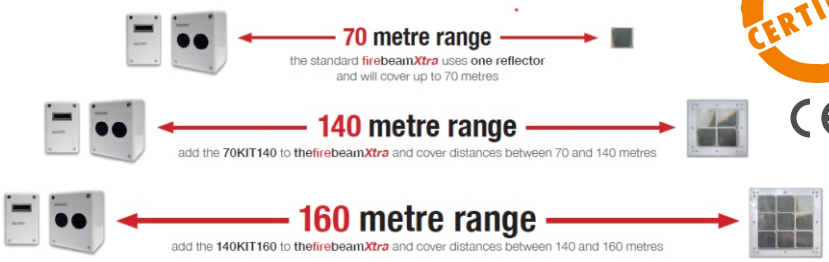

FIRE BEAM Blue/Xtra

Reflective Optical Beam Smoke Detector

FIRE BEAM is the optimal solution to protect large areas with ceiling height greater than 4 meters. A motorized beam head will self-align itself to the centre of the reflector when commissioning and will automatically keep alignment when building movement occurs which will prevent unwanted false alarms. Additionally, the ground level controller facilitates any change or adjustment. Its low current consumption enables seamless integration with addressable systems via an Input or ZMU modules. Another relevant feature is related with its environmental protection that makes FIRE BEAM a suitable solution for harsh industrial applications, in situations where condensation may occur, filters with special coating widens the scope of usage.

Key Features

- Dual LEDs for 360º visibility
- Low power
- IP65 environmental protection
- Ground level commissioning
- Multi language interface
- Motorized beam head
- 1500 m² maximum coverage

TECHNICAL SPECIFICATIONS	
ELECTRICAL	
SUPPLY VOLTAGE	10.2 to 40V DC
SUPPLY CURRENT	3 mA (quiescent; alarm; fault)
STATUS INDICATORS	
NORMAL	Green LED's Flashing / Controller Message
FAULT	Yellow LED's Flashing / Change over relay (2A@30VDC)/ Controller Message
ALARM	Red LED's Flashing / Change over relay (2A@30VDC)/ Controller Message
ENVIRONMENTAL	
TEMPERATURE	-10°C to +55°C
HUMIDITY	10 to 95% RH Non-condensing
IP RATING	IP65 when suitably mounted and terminated
MECHANICAL	
BEAM HEAD 7-70M	180 (H) x 155 (W) x 137 (D) mm / Weight 1.1 Kg
CONTROLLER	185 (H) x 120 (W) x 62 (D) mm / Weight 0.55 Kg
70KIT140 MID-RANGE REFLECTOR	293 (H) x 293 (W) x 5 (D) mm / Weight 0.8 Kg
140KIT160 LONG RANGE REFLECTOR	394 (H) x 394 (W) x 5 (D) mm / Weight 1.8 Kg
ADAPTER	270 (H) x 250 (W) x 5 (D) mm / Weight 0.6 Kg (mounts the Beam Head onto unistrut)
ORDER CODE	
FIRE BEAM-BLUE/XTRA	BASIC FIRE BEAM INCL. CONTROLLER + 1 REFLECTOR COVERS DISTANCE OF 5-40 METERS
40KIT80	MID RANGE EXTENSION KIT 40-80 M
80KIT100	LONG RANGE EXTENSION KIT 80-100 M
ADAPTER	HEAD INTERFACE ADAPTER TO MOUNT TO UNISTRUT
ANTI-FOG FIRE BEAM	ANTI FOG FIRE BEAM
40KIT80-AF	ANTI FOG MID RANGE EXTENSION KIT 40-80 M
80KIT100-AF	ANTI FOG LONG RANGE EXTENSION KIT 80-100 M
WINDOW-AF	ANTI FOG WINDOW
REF-AF	SINGLE ANTI FOG REFLECTOR
FOGKIT	ANTI FOG WINDOW FOR HEAD AND SINGLE ANTI FOG REFLECTOR