FIREBEAMXTRA

FireBeam conventional beam detector with low level controller

The Fire Beam XTRA is a conventional beam detector.

This model is equipped with a separate controller to facilitate the maintenance and operations.
With our self-aligning motorised beam you can cover a range up to 160 meters on a reflective technology.
You might prefer the bluetooth version of the Fire Beam XTRA, the Fire Beam BLUE, on which the controller is replaced by an App. The App will let you commission and control every firebeamBLUE in every building you ever visit, simply using your phone or tablet.

Fully VdS Approved



Range extension

The FirebeamXTRA is supplied as a head unit with a low level controller, one reflector, short range mask (for distances under 20 m), a 3 mm allen key and quick start installation guide. This enables coverage distances up to 70 metres.

For distances between 70 to 140 metres an optional mid range extension kit is available. This kit is supplied with a backing plate and 3 extra reflectors.

For distances between 140 to 160 metres an optional long range extension kit is available. This kit is supplied with a backing plate and 8 extra reflectors.

Details

- Standard detection range of 7 to 70 metres suitable for most installations
- Extended range support up to 160 m using optional extender kits
- Revised optics with market leading features
- Faster commissioning and routine maintenance due to faster alignment motors
- Auto-alignment ON/OFF section for full flexibility in theater environments
- Auto-align time delay for environments that are liable to occasional short term obscuration
- Beam phasing allows beams to face each other without interference
- Hysteresis control allows a change the delay in returning from a fire state back to a normal state, avoiding successive alarms on auto-reset.

FIREBEAMXTRA

FireBeam conventional beam detector with low level controller

Technical specifications

General

Status indication	LEDs and LCD diplay
User interface	Ground level controller
Compatibility	All conventional fire detection systems
Reset voltage	0 VDC
Reset time	> 5 s
Alarm levels	4
Connectivity	Relays and Controller

Electrical

Power supply type	VDC
Operating voltage	10.2 to 30 VDC
Current consumption	3.5 mA (all operational states) 17 mA (fast commissioning)

Detection

Detection principle	Optical light scatter
Monitoring	Continuously self-checking
Sensitivity	Adjustable (25% (1.25dB) to 50% (3dB) in 1% (0.05dB) increments - default 35% (1.87dB))
Coverage area	Country dependant
Range	7 to 70 m
Adjustment angle	± 5°
Misalignment tolerance	Beam Head ± 0.75° Reflector ± 2°
Optical wave length (all languages)	870 nm
Response time (all languages)	Adjustable (2 to 30 s in 1 s increments - default 10 s)
Fault sensitivity level	< 4%

Output

Output quantity	2
Output type and rating	Change over relays (Alarm & Fault - 2A @ 30 VDC)

Physical

Physical dimensions	180 x 155 x 137 mm (H x W x D) - Head 185 x 120 x 62 mm (H x W x D) - Controller
Net weight	1.1 kg - Head 0.55 kg - Controller
Mounting type	Wall bracket, Wall mount

Environmental

Vandal proof	No
Operating temperature	-10°C to +55°C
Relative humidity	10 to 95% (Non-condensing)
Environment	Indoor
IP rating	< IP65

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR
Voluntary marks	VdS
Standards	EN54-12

SKU Info

Product brand (all languages)	thefirebeam™

Compatible products

Category	Reference	Description
Detection device	140KIT160	Range extender for FireBeam XTRA/BLUE for ranges between 140 to 160 m
Detection device	140KIT160_AC	Anti-Condensation range extender for FireBeam XTRA/BLUE 140-160m
Detection device	70KIT140	Range extender for FireBeam XTRA/BLUE for ranges between 70 to 140 m
Detection device	70KIT140_AC	Anti-Condensation range extender for FireBeam XTRA/BLUE 70-140m
Detection device	AC-KIT	Anti-Condensation Kit for FireBeam XTRA/BLUE
Detection device	REFLECTOR	Single Reflector fore FireBeam XTRA/BLUE, spare
Detection device	SHORT_RM	Range extender for FireBeam XTRA/BLUE 7-20m
Mounting Accessories	ADAPTER	FireBeam head adapter mount for uni-strut
Mounting Accessories	FB_BRACKET	Adjustable bracket for Firebeam

EDWARDS
Built for Resilience

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 15 May 2025 - 7:08