

thefirebeamcompany

FIREBEAM BLUE

Conventional beam detector with **BLUETOOTH®** App.

General

thefirebeam BLUE is a conventional beam detector with a **Bluetooth®** application for control. With the latest self-aligning motorised technology, meaning a controller is no longer required.

Having no hard-wired controller saves on installation time and material costs. Allowing multiple beams to be managed from smart devices.

thefirebeam BLUE App

The App allows local commissioning and control of **thefirebeam BLUE** by simply using a phone or tablet.

thefirebeam BLUE offers advanced technology and reliability with a maximum range of up to 160m using the long range extension kits, all commissioned and controlled using the App, which offers exactly the same functionality as a wired low level controller, but is more flexible and intuitive to use. Connection to each beam is via Bluetooth, so no need for phone signal or internet connection.

This is an example of our innovation and class leading technology.

It is now possible to use a smart phone or tablet, and do everything that you would normally do with a controller. The App is designed to be intuitive, and make it simpler for an operator to commission and maintain using the many functions and capabilities of our fire beam technology.

App Functions

Easily perform functions such as:

- Connecting to the beam detector
- Commissioning
- Changing operating modes
- Maintenance and adjustments
- Diagnostics
- Performing fire test

Items Included

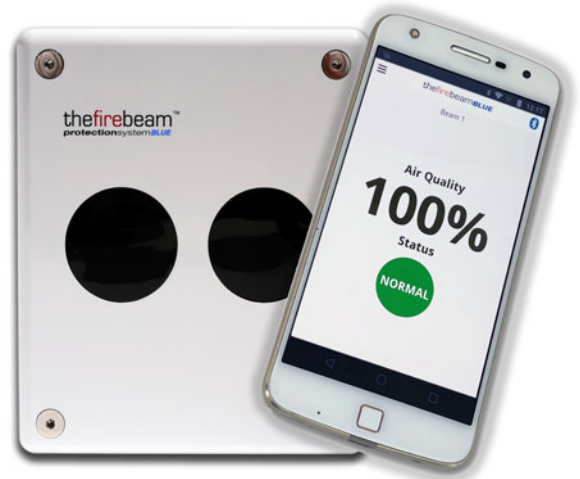
thefirebeam BLUE includes a beam-head unit with one reflector **short range mask** (for distances under 20m), a 3mm Allen key and quick start installation guide. This enables coverage of distances up to 70m.

Range extension

For distances between 70 - 140m a mid range extension kit is available. **70KIT140** This kit is supplied with a mounting plate and 3 additional reflectors and a space for using the existing reflector included with the beam.

For distances between 140 - 160m a long range extension kit is available. **140KIT160** This kit is supplied with a larger mounting plate and 8 additional reflectors and a space for using the existing reflector included with the beam.

All kits are available as anti-condensation (AC) variants



Details

- Secure Bluetooth enable control, commission, maintenance and testing from your smart phone or tablet
- Standard detection range of 7 - 70m suitable for most installations
- Extendable range up to 160m maximum using extension kits
- Anti-condensation reflector and extension kit variants
- Fully VdS approved to EN54-12
- Ultra low power consumption



Click on the icon above for the App version you require.

thefirebeamTM
protectionssystem **BLUE**

FIREBEAM BLUE

Conventional beam detector with **BLUETOOTH®** interface

Technical specifications

General

Wireless technology	Bluetooth
Status indication	LEDs and App
User interface	App
LED's	Green = Status, Red = Fire, Amber = Fault.
Reset voltage	5-40 VDC
Reset time	> 5 s
Alarm sensitivity levels	4
Connectivity	Relays and Bluetooth
Compatibility	All conventional fire systems, and analogue addressable fire systems, with additional modules

Electrical

Power supply type	VDC
Operating voltage	12 to 30 VDC
Current consumption	5.5 mA (all operational states) 13.5 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 - 70m, and up to 160m with additional extension kits
Adjustment angle	± 5°
Misalignment tolerance	Beam Head ± 0.4° 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 - Fire and Fault
Output type and rating	Change over (CO) relays - 2A @ 30 VDC (associated output LED's - Red = Fire, Amber = Fault.)

Physical

Physical dimensions	180 x 155 x 137 mm (H x W x D)
Net weight	1.1 kg
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

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

SKU Info

Product brand (all languages)	thefirebeam™
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Compatible products

Category	Reference	Description
Detection device	140KIT160	Range extender for Firebeam XTRA/BLUE for ranges between 140-160m
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 70-140m mid range kit
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	Short range mask for Firebeam XTRA/BLUE 7-20m
Mounting Accessories	ADAPTER	Firebeam head adapter mount for uni-strut
Mounting Accessories	FB-BRACKET	Adjustable bracket for Firebeam XTRA/BLUE

*This product features Bluetooth® wireless technology for secure, short-range connectivity with compatible devices. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



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