FIREBEAMBLUE

FireBeam conventional beam detector with bluetooth interface

The Fire Beam BLUE is a conventional beam detector.

One App to Control Them All
With our latest self-aligning motorised beam you no longer need a controller for each beam head. The App will let you commission and control every firebeamBLUE in every building you ever visit, simply using your phone or tablet.

The firebeamBLUE uses the same advanced technology as thefirebeamXTRA, inherits the same reliability and benefits with an unbeatable range of 160 metres, but is commissioned and controlled using the App.

Fully VdS Approved
BluetoothUsing the fully VdS Approved (G221060) firebeamBLUE with a phone or tablet offers exactly the same functionality as a wired low level controller, but is easier and more intuitive to use. You simply connect to each beam using Bluetooth technology, so you don't need a phone signal or even an internet connection.

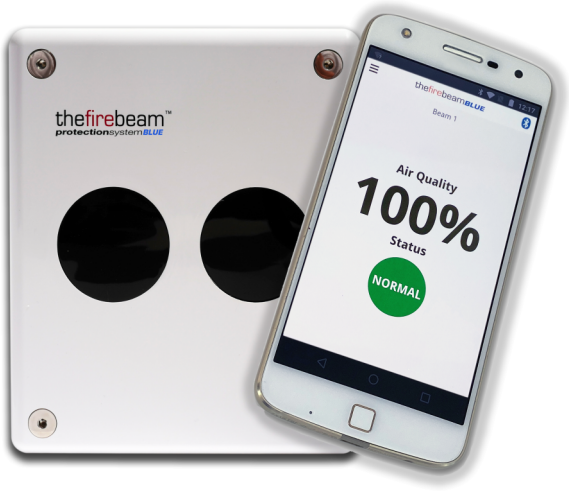
No Hard-Wired Controllers Needed
From your phone or tablet you can now do everything that you could do with a controller. We have designed the App to make it intuitive, helping you to understand all the many functions and capabilities of the beam. Easily perform functions such as:

Connecting to your beams.
Commissioning your beams.
Changing the beam modes.
Maintaining your beams.
Adjusting & diagnosing your beams.
Performing a fire test.
Having no hard-wired controller saves on your installation time by not having to fit controllers or go to the effort of wiring them in. If you have multiple beams it's even better - just imagine the time savings you could make by not having to wire the controllers into an entire warehouse!

The Bluetooth App

The App allows local commissioning and control of every firebeamBLUE in every building simply using a phone or tablet.

The firebeamBLUE offers advanced technology and reliability with an range of up to 160 metres using optional long range kits, all commissioned and controlled using the App. The app offers exactly the same functionality as a wired low level controller, but is easier and more intuitive to use. It's simply connected to each beam using Bluetooth technology, so need for a phone signal or an internet connection.



Details

- Standard detection range of 7 to 70 metres suitable for most installations
- Extended range support up to 160 m using optional extender kits
- Fully VdS approved

From the phone or tablet you can do everything that you could do with a controller. The App is designed to make it intuitive, helping the operator to understand the many functions and capabilities of the beam.

App Functions

Easily perform functions such as:
- Connecting to the specific beam
- Commissioning
- Changing operating modes
- Maintenance
- Adjusting & diagnosis
- Performing a fire tests

Range extension

The FirebeamBLUE is supplied as a head unit with one reflector, short range mask (for distances under 20 m), a 3 mm allen key and quick start installation guide.

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.

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Technical specifications

General

Status indication	LEDs and App
User interface	App
Compatibility	All conventional fire detection systems
Reset voltage	0 VDC
Reset time	> 5 s
Alarm levels	4
Connectivity	Relays and Bluetooth
Wireless frequency (all languages)	Bluetooth

Electrical

Power supply type	VCC
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 to 70 m
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
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)
Net weight	1.1 kg
Mounting type	Vægbeslag, Vægmontering

Environmental

Vandal proof	No
Operating temperature	-10°C to +55°C
Relative humidity	10 to 95% (Non-condensing)
Environment	Indendør
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

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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.

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