

FirebeamBlue

FireBeam conventional beam detector with bluetooth interface

General

The Fire Beam BLUE is a conventional beam detector with bluetooth App function control. With the latest self-aligning motorised technology a controller for each beam head is no longer required.

Having no hard-wired controller saves on installation time by not having to fit controllers or go to the effort of wiring them in. With 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.

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:

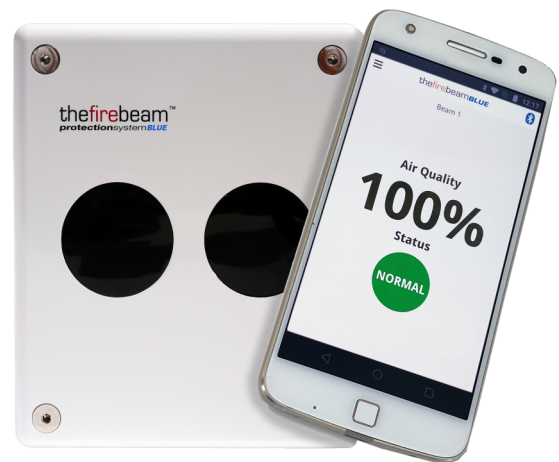
- Connecting to the specific beam
- Commissioning
- Changing operating modes
- Maintenance
- Adjusting & diagnosis
- Performing a fire tests

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. 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.



Dettagli

- 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

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Specifiche tecniche

Generale	
Indicazione stato	LEDs and App
Interfaccia utente	App
Compatibilità	All conventional fire detection systems
Tensione di reset	0 VDC
Azzerare tempo	> 5 s
Livelli di allarme	4
Connettività	Relays and Bluetooth

Elettrico	
Tipo di alimentatore	VDC
Tensione di esercizio	12 to 30 VDC
Consumo attuale	5.5 mA (all operational states) 13.5 mA (fast commissioning)

Rivelazione	
Principio di rilevamento	Optical light scatter
Monitoraggio	Continuously self-checking
Sensibilità	Adjustable (25% (1.25dB) to 50% (3dB) in 1% (0.05dB) increments - default 35% (1.87dB))
Area di copertura	Country dependant
Gamma	7 to 70 m
Adjustment angle	± 5°
Misalignment tolerance	Beam Head ± 0.4° Reflector ± 2°

Uscita	
Quantità in uscita	2
Tipo di uscita e intervallo	Change over relays (Alarm & Fault - 2A @ 30 VDC)

Fisico	
Dimensioni fisiche	180 x 155 x 137 mm (H x W x D)
Peso netto	1.1 kg
Tipo di montaggio	Staffa a parete, Montaggio a parete

Ambientale	
A prova di vandalo	No
Temperatura operativa	-10°C to +55°C
Umidità relativa	10 to 95% (Non-condensing)
Ambiente	Interno
IP rating	< IP65

Regolatorio	
Conformità	CE, REACH, RoHS 3, WEEE
Certificazioni	CPR
Voluntary marks	VdS
Standards	EN54-12

SKU Info	
Product brand (all languages)	thefirebeam™

Detection	
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%

General	
Wireless frequency (all languages)	Bluetooth



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