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

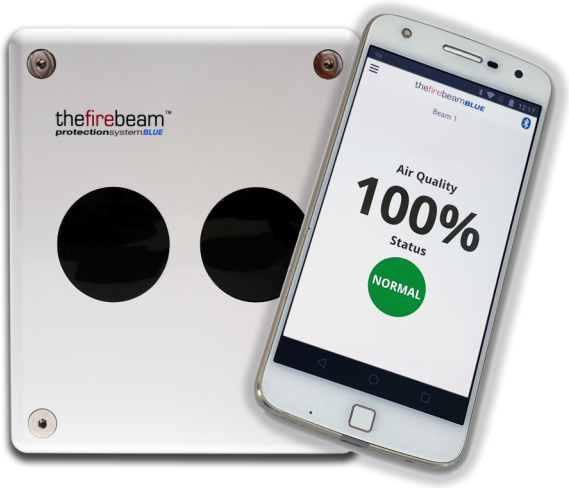
Easily perform functions such as:
- Connecting to the specific beam
- Commissioning
- Changing operating modes
- Maintenance
- Adjusting & diagnosis
- Performing a fire tests

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.



Détails

- 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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Spécifications techniques

Général

Indication d'état	LEDs and App
Interface utilisateur	App
Compatibilité	All conventional fire detection systems
Tension de réenclenchement	0 VDC
Réinitialiser l'heure	> 5 s
Niveaux d’alarme	4
Connectivité	Relays and Bluetooth

Électrique

Type de bloc d’alimentation	VDC
Tension de fonctionnement	12 to 30 VDC
Consommation de courant	5.5 mA (all operational states) 13.5 mA (fast commissioning)

Détection

Principe de détection	Optical light scatter
Contrôle	Continuously self-checking
Sensibilité	Adjustable (25% (1.25dB) to 50% (3dB) in 1% (0.05dB) increments - default 35% (1.87dB))
Zone de couverture	Country dependant
Gamme	7 to 70 m
Adjustment angle	± 5°
Misalignment tolerance	Beam Head ± 0.4° Reflector ± 2°

Sortie

Quantité des sorties	2
Type de sortie et classe	Change over relays (Alarm & Fault - 2A @ 30 VDC)

Caractéristiques physiques

Dimensions physiques	180 x 155 x 137 mm (H x W x D)
Poids net	1.1 kg
Type de montage	Support mural, Fixation murale

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10°C to +55°C
Humidité relative	10 to 95% (Non-condensing)
Environnement	Intérieur
Indice de protection	< IP65

Régulateur

Conformité	CE, REACH, RoHS 3, WEEE
Certification	CPR
Voluntary marks	VdS
Normes	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

Produits compatibles

Catégorie	Référence	Description
Module de détection	140KIT160	
Module de détection	140KIT160_AC	
Module de détection	70KIT140	
Module de détection	70KIT140_AC	
Module de détection	AC-KIT	
Module de détection	REFLECTOR	
Module de détection	SHORT_RM	
Supports de montage	ADAPTER	
Supports de montage	FB_BRACKET	

EDWARDS
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