

firebeam**BLUE**TM

SMART BEAM DETECTION FOR LARGE SPACES

**WITH BLUETOOTH® COMMISSIONING,
MAINTENANCE & TESTING**



firebeam**BLUE**[™]

Optical Smart Beam Smoke Detector for large spaces with Wireless **Bluetooth**[®] App Control



Built on the firebeam**Xtra** technology, firebeam**BLUE** delivers the same proven reliability and an exceptional reflective detection range of up to 160 metres.

What's new is how you interact with it, commissioning and control are handled through the firebeam**BLUE** App, giving you full functionality directly from your phone or tablet.



Explore the technology behind **firebeamBLUE™**

INTELLIGENT ENGINEERING DESIGNED FOR SIMPLER INSTALLATION, COMMISSIONING AND CONTROL.



UPTO 160m DETECTION RANGE | EXTENDED COVERAGE FOR LARGE & COMPLEX SPACES

INTELLIGENT AUTO-ALIGNING TECHNOLOGY

**PRECISION
ALIGNMENT
THAT STAYS
OPTIMISED**



OUR AUTO-ALIGNING, MOTORISED FIREBEAM STAYS PRECISELY LOCKED ON TARGET, ENSURING CONSISTENT, RELIABLE PERFORMANCE WITHOUT MANUAL ADJUSTMENT.

FULL BEAM CONTROL FROM YOUR DEVICE



APP-BASED COMMISSIONING AND CONTROL IS FASTER, CLEARER AND MORE INTUITIVE FOR OPERATORS

INTELLIGENT DIRT COMPENSATION RELIABLE DETECTION EVEN IN CHALLENGING ENVIRONNEMENTS



DIRT COMPENSATION TECHNOLOGY AUTOMATICALLY OFFSETS DUST & DIRT BUILD-UP, MAINTAINING RELIABLE DETECTION PERFORMANCE.

Electrical Specifications:

Supply Voltage	12 to 30 Vdc normal
Supply Current	5.5mA in all operational states
Supply Current	13.5mA in fast commissioning

Environmental Specifications:

Temperature	-10°C to +55°C
Humidity	10 to 95% RH Non-condensing
Protection Index	IP65 when suitably mounted & terminated

Optical Specifications:

Optical Wavelength	870nm
Maximum Angular Alignment	±5°
Maximum Angular Misalignment	Beam Head ±0.4° / Reflector ±2° (static not auto-aligning)

Mechanical Specifications:

Beam Head	H:180 x W:155 x D:137mm - Weight 1.1kg
70KIT140 Mid-Range Reflector	H:293 x W:293 x D:5mm - Weight 0.8kg
140KIT160 Long-Range Reflector	H:394 x W:394 x D:5mm - Weight 1.8kg
Unistrut Adapter	H:270 x W:250 x D:5mm - Weight 0.6Kg (mounts the Beam Head onto Unistrut)

Protection Range:

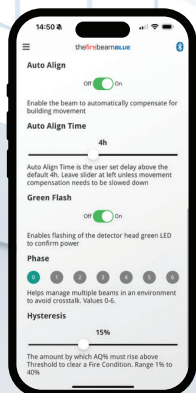
Fire Beam BLUE	Standard Product 7 to 70 metres. Use short range mask for distances between 7 & 20m
70KIT140	Mid-Range Reflector Kit 70 to 140 metres
140KIT160	Long Range Reflector Kit 140 to 160 metres



VDS APPROVED G221060
FULLY COMPLIANT TO EN 54-12:2015

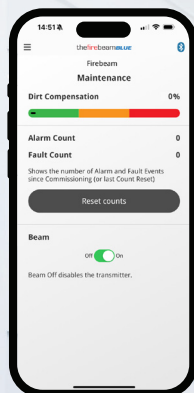
Explore the intelligence behind the **firebeamBLUE™** App

WIRELESS **BLUETOOTH®** CONTROL FOR SIMPLER COMMISSIONING, SET-UP, MAINTENANCE AND TESTING.



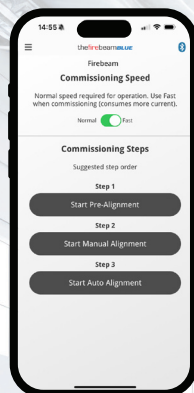
AUTO ALIGN

Precision alignment from your device.
Initiate automatic alignment from ground level, allowing the motorised beam head to accurately locate and align with the reflector.



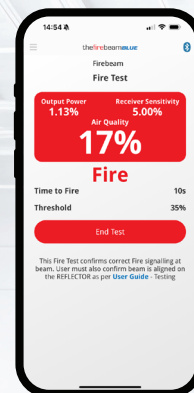
MAINTENANCE

See exactly how your beam is performing.
View dirt compensation, alarm and fault counts, reset counters and access essential maintenance functions directly through the App.



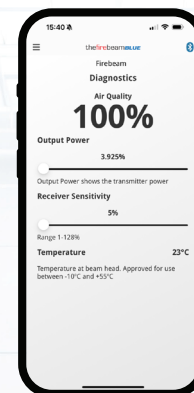
COMMISSIONING

Step-by-step control from ground level.
Pre-align, manually adjust and auto-align the beam through a clear commissioning sequence directly from your mobile device.



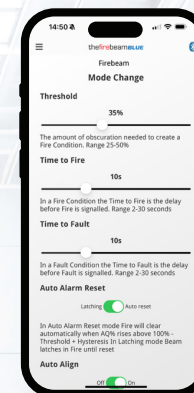
FIRE TEST

Test system operation from ground level.
Perform a beam fire test directly through the App and monitor the detector's response without accessing the beam head at height.



DIAGNOSTICS

Output and sensitivity control
View live operating information including air quality, output power, receiver sensitivity and beam-head temperature to assist adjustment and fault finding



BEAM MODES

Configure beam operation from your device.
Adjust alarm threshold, fire and fault delay times, alarm reset behaviour and Auto Align settings directly through the App.



MAKING COMPLEX SPACES SIMPLER TO PROTECT

Designed for large and challenging environments, **firebeamBLUE** combines intelligent detection with intuitive App-based control to simplify installation, commissioning and ongoing system management.



firebeamTM

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