6030-100

Fireray Hub Reflective - Detector

General

The Fireray Hub Reflective Detector is an additional beam detector head for use the the Fireray Hub Reflective System. Connection of up to 3 Fireray Reflective Detectors can be accommodated on a single cable run to the hub, making the installation extremely easy and flexible. The 6030-100 consists of one reflective detector head with reflector.

Benefits

It supports modern, reflective motorised beam technology that facilitates:

• Auto-Alignment™
Using the Hub, direct the laser onto the prism and with the press of a button, it aligns itself.

• Building Movement Tracking™
Keeping the beam aligned even if the building moves, preventing unwanted alarms and faults

• Light Cancellation Technology™
Prevent nuisance alarms by compensating for sunlight and artificial light sources



Détails

- Offers laser-assisted, motorised Auto-Alignment™ from the system controller, with manual alignment as an option if needed
- 2-wire interface from detector to system controller offers an installation with 60% less wiring and in 25% less time using network mode
- Compensates for natural shifts in alignment from building movement
- Compensates for gradual build-up of contamination on the optical surfaces
- Compensates for high levels of sunlight and artificial lighting
- Dynamic beam phasing allowing beam detectors to be mounted facing each other with the reflectors in the middle
- Operate in dusty or wet environments due to the high enclosure integrity of the detector

6030-100
Fireray Hub Reflective - Detector

Spécifications techniques

Général

Compatibilité	6020-100 Fireray Hub Reflective
Connectivité	2-wire & screen
Méthode d'adressage	DIP Switches

Électrique

Type de bloc d’alimentation	Alimenté en boucle
Tension de fonctionnement	14 to 36 VDC
Cable specification	24 to 14 AWG (0.5 to 1.6 mm) (1/100" to 6/100")
Nbre de fils conducteur	2, dedicated

Détection

Principe de détection	Optical infrared beam
Longueur de la zone	< 100 m from the hub
Gamme	8 to 50 m (to 120 m with FD-LRK)
Longueur d'onde de portée	850 nm
Adjustment angle	± 4.5°
Misalignment tolerance	± 0.5°

Caractéristiques physiques

Dimensions physiques	Detector: 131 x 134 x 131 mm (H x W x D) Reflector: 100 x 100 x 9 mm (H x W x D)
Poids net	Detector: 0.57 kg Reflector: 0.06 kg
Type de montage	Hinged mouting, Montage en surface

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10 to +55°C (+14 to +131ºF)
Température de stockage	-40 to +85°C (-40 to +185ºF)
Humidité relative	0 to 93% non condensing or icing
Environnement	Intérieur
Indice de protection	IP55

Régulateur

Conformité	CE, REACH, RoHS 3, UKCA, WEEE
Certification	CPR
Voluntary marks	VdS
Normes	EN54-12

Detection

Beam path clearance	0.5 m (1¾ ft) radius from centre line between detector and reflector
Response time	< 2 s

Produits compatibles

Catégorie	Référence	Description
Module de détection	5000-008	
Module de détection	6020-100	
Module de détection	FD-LRK	
Supports de montage	FD-MB001R	
Supports de montage	FD-PC001R	

EDWARDS
Built for Resilience

En tant que société d'innovation, Kidde Global Solutions se réserve le droit de modifier les spécifications des produits sans préavis. Pour les dernières spécifications du produit, visitez le site web be.firesecurityproducts.com ou contactez votre représentant commercial.

Last updated on 25 November 2025 - 9:36