

ACTIVE IR FIRE BEAM

 **BF100**



ACTIVE IR FIRE BEAM
with or without reflector
Certified Product



RIELLO ELETTRONICA  **AUS electronics**
ITALIAN SECURITY MANUFACTURER

	TECHNOLOGY			
	Type	Coverage	Range	Certified UNI EN 54 - 12
BF 100 A	TX + RX	1500 m ²	Up to 100 m	VDS – G215096 0786-CPD-20924
BF 100 R	With reflector	1800 m ²	Up to 70 m Up to 100 m with kit BFS	VDS – G208015 0786-CPD-20627

Range

AVS ELECTRONICS - the Italian manufacturer and designer for fire and alarm systems since 1974 - introduces BF100, its range of active linear infrared beams for large-areas' fire protection. Two solutions: BF100A, the active infrared version based on a transmitter and a separated receiver or BF100R, the active infrared detector with a unique IR transceiver and a reflecting panel.

BF 100 A SYSTEM is composed of an IR transmitter and its separated receiver. The receiver detects regularly the IR signal from the transmitter and analyses it. When smoke is present in the protected area, the IR received signal will be subsequently reduced, which is analyzed by the receiver to determine an alarm when it reaches a predefined threshold.

BF 100 R SYSTEM is composed of an emitter/receiver in a single unit and its separated reflecting panel installed remotely. This advanced "new reflection" technology grants detection efficiency combined with an easy installation.

BF100R produces a self-calibration signal every 24 hours in order to compensate any environmental variation and maintains the efficiency of the system at its higher level. In case of abnormal signal variation, it will determine it and generates a separate trouble information.

RANGE BF100A's regular range starts from 5 meters to reach up to 100 meters, when **BF100R's** regular range reaches 70 meters, but can be extended up to 100 meters thanks to the integration of **BFS** optional reflecting panel.

MODULARITY BF100 system can be completed with **BR100** optional module to simplify the remote visualization and actions on the BF100A/R: test, reset, troubles and regular work (**up to 4 BF100 barriers for each BR100 module**)

ACCESSORIES

BFS: BF100R's reflecting panel kit to extend the detection range

BR100: optional solution in metal box for remote actions and visualization

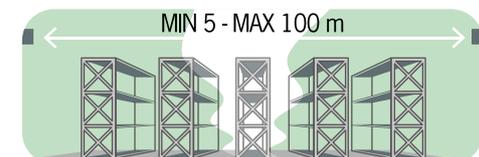
BF TEST: necessary BF100R's calibration filter



BF 100 A



BF 100 R with BFS panel



BR100



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