SMOKE DETETECTOR

ACTIVE IR FIRE BEAM
with or without reflector
Certified Product

VdS

RIELLO ELETTRONICA

AVS electronics

ITALIAN SECURITY MANUFACTURER

BF100	TECHNOLOGY			
	Type	**Coverage**	**Range**	**Certified UNI EN 54 - 12**
BF 100 A INAV400	TX + RX	1500 m²	Up to 100 m	VDS – G215096 0786-CPD-20924
BF 100 R INAV500	With reflector	1800 m²	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

21,1
cm → 15,9
9,6

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.

BF 100 R with BFS panel

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.

MIN 5 - MAX 100 m

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
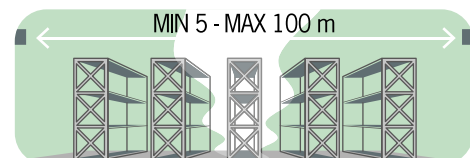**BR100**: optional solution in metal box for remote actions and visualization
BF TEST: necessary BF100R's calibration filter

BR100

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HIGH Friend TECH   ENERGY -30%   ECO   ISO 9001 CERTIFIED QUALITY SYSTEM   CE   ITALIAN FIRM   GARANZIA 3 ANNI YEARS WARRANTY