

Code: AN900-20

## INFRA-RED BARRIERS **AN900-20** 1 BEAM

The alarm systems based on Passive Infra-Red detectors catch the intruder, which is inside the room already. The system based on Infra-Red barriers is intended to cause an alarm when intruder only intends to invade the premises, and there is still outside the building.

IR curtains can be also used to protect the controlled crossing, gates, fences, precious objects at open areas, etc. In museums the IR curtains can be successfully used as conflict-free, discreet separation the viewers from the valuable exhibits.

During the constant interruption of the beam (by placing an obstacle between the transmitter and receiver), the barrier does not return to its original state. This behavior of the barrier is important for control gates, ramps, etc.



Number of beams:	1
Detection method:	1 beam blocked
Outdoor detection range:	3 ... 15 m
Indoor detection range:	3 ... 20 m
Beam characteristics:	940 nm - Modulated Infra-Red stream
Alarm period:	≥ 0.1 s
Tamper contact:	—
Angles adjustment range:	—
Power supply:	12 V ... 24 V DC / AC
Current consumption:	30 mA - Transmitter , 15 mA - Receiver
Alarm output:	Relay (AC/DC 36V max. 1A), NO/NC
Main features:	The minimum distance between devices is 3 m
"Index of Protection":	IP66
Operation temp. / Relative humidity:	-25 °C ... 55 °C / max. 95 %
Transmitter or receiver dimensions:	49 x 76 x 30 mm
Transmitter and receiver weight:	0.04 kg
Guarantee:	2 years