

Passive infrared for outdoor use

TRIRED BUS

The TRIRED BUS detector features a unique protection technique with a triple passive infrared sensor. Designed for outdoor use, resistant to extreme weather conditions, it is an ideal solution for the protection of the areas close to homes, such as balconies and terraces, with ranges of up to 30 meters. The integrated swivel mounting bracket offers ample opportunities for orientation. The range, adjustable for each beam, 8 AND detection logics and 3 independent alarm counters (1 for each beam) are only some of the many programmable parameters. The detector features a programmable antimasking function, which adapts the detection logic to AND of 2 beams in case of a masking attempt.



TRIRED BUS - Technical and functional specifications

Detection features	IR elements	3
	Infrared beams	3
	Levels (infrared beams)	3
	Max. range	30m
	Sensitivity	Programmable (16 settings)
Detection logics	AND of 2 undefined beams	1 mode
	AND of 2 defined beams	3 modes
	AND of 3 undefined beams	1 mode
	AND of 3 beams with priority	3 modes
	Pulse count	1 to 4 pulses (independent for each beam)
Anti-tamper protection	Anti-opening and anti-detachment	Micro-switch
	Antimasking	Programmable (independent for each beam)
Signaling	Alarm	✓
	Tamper	✓
	Antimasking	✓
	Antimasking	✓
Active status	Always active or with armed program	Programmable
Functions	Self test	Automatic (independent for each beam)
	Temperature compensation	Automatic
	Coverage test	Manual with LED and buzzer
Electrical specifications	Rated voltage	12V DC
	Operating voltage	10V DC...14.5V DC
	Consumption in stand-by	13mA @ 12V DC
	Max. consumption	20mA @ 12V DC
Connection	RS485	Sensor Bus
Physical specifications	Environmental class	II
	Protection class	IP55-IK04
	Casing	ASA
	Dimensions (L x H x D)	82 x 400 x 260mm
	Weight	1.2kg
	Operating temperature	-20°C...+65°C



TRIRED BUS



Compatible systems: TP8-28 - TP8-28 GSM - TP10-42 - TP8-88 - TP20-440

Item no. F102TRIREDBUS

OUTDOOR

RSC® TECHNOLOGY

Coverage diagrams

