

DS-PR1-60 Security Radar

DS-PR1-60 security radar, which adopts phased array technology, pulse doppler and low-power FMCW modulation technology for intrusion detection. It supports multi-target positioning, tracing and multiple linked cameras tracking. Through intelligent algorithm analysis, it can filter out false alarms under various circumstances. It can work properly day and night in various environments, such as rain, fog, and so on. It is mainly used in the military base, prison, power station, railway, museum, airport and other security places.



Key Features

- Animal immunity: max. 20 kg
- Analysis with intelligent algorithm of anti-sway
- Links up to 4 speed domes for auto target-tracking and the speed domes can be mounted separately
- Capable to detect ultra-slow movements, squatting movements or creeping
- Displays the distance, direction, and position of the detected object on the client software
- Selectable applications including open mode, shrub mode, and custom mode (with adjustable sensitivity)
- 24/7 all-weather working properly
- Exception alarm: communication failure alarm, movement alarm, tampering alarm, anti-masking detection alarm
- Dual-color indicator displays radar status
- Supports standard PoE and 12 VDC
- Protection level: IP67



Specifications

Model		DS-PR1-60
Basic parameters	Modulation	Frequency Modulated Continuous Wave
	Detection range	60 m
	Horizontal angle	100°
	Range measurement accuracy	± 0.75 m
	Velocity measurement accuracy	± 0.1 m/s
	Angle measurement accuracy	± 1°
	Velocity range	- 8.7 to + 8.7 m/s
	Coverage	3000 m ² (32275.2 ft ²)
	Max. target number	32
	Frequency	24 GHz
	Consumption	6 W
	Transmission power	< 20 dBm (100mW)
Alarm input	Zone	8
Alarm output	Relay output NO/NC	3-channel : 0.5 A/125 VAC, breakdown voltage : 1 KV 1-channel : 10 A/240 VAC, breakdown voltage : 2.5 KV
Communication protocol	Network protocol	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH
Interface	Network interface	1 RJ45 10M/100M self-adaptive, PoE
	Power interface	802.3at standard PoE or 12 VDC
	Reset button	1
General	Operation temperature	-40 °C to 65 °C (-40 °F to 149 °F)
	Operation humidity	10% to 90%
	Dimension (W × H × D)	206 mm × 228 mm × 61 mm (8.11" × 8.98" × 2.40")
	Consumption	< 10 W
	Protection level	IP67
	Weight	1.84 kg (4.06 lb)
	Color	White
Installation	Installation	Installation height:1.2 m to 4 m (4.72 " to 15.7 ") (Recommended: 2.5 m (9.84 "))

Available model

DS-PR1-60

Distributed by

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