

## DS-PRI120 Security Radar



- Maximum 4 Trigger Lines and 16 Zones
- Selectable Frequency Band
- Link up to 4 Separately-Mounted Speed Domes for Auto Target-Tracking
- Multiple Radars Can Link to 1 Speed Dome
- Up to 4 Targets Can Be Tracked by 4 Speed Domes Respectively
- Speed Dome Linkage: Mandatory Speed Dome Tracking Target Switch, Speed Dome Parking, and FoV Display for Each Speed Dome
- Detects Ultra-Slow Movement, Squatting Movement, Creeping
- Displays Distance, Direction, Detected Object Position on Client Software
- Open Mode, Shrub Mode, and Custom Mode (w/Adjustable Sensitivity)
- 24/7 All-Weather Use
- Communication Failure, Anti-Moving, and Tampering Exception Alarms

Hikvision's DS-PRI120 Security Radar features phased array technology, pulse Doppler, and low-power FMCW modulation technology for intrusion detection. It supports multi-target positioning, tracing, and multiple linked camera tracking.

Through intelligent algorithm analysis, it can filter out false alarms under various circumstances. It can work effectively day and night in various environments such as rain, fog, etc. It is used mainly in military bases, prisons, power stations, railways, museums, airports, and other security places.

### Available Model

DS-PRI120

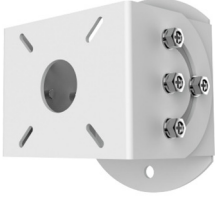




## Specifications

DS-PRI120	
<b>Detection</b>	
Modulation	Frequency Modulated Continuous Wave
Detection Range	Human: 390 ft (120 m) Vehicle: 490 ft (150 m)
Horizontal Angle	120°
Vertical Angle	26°
Range Measurement Accuracy	±4 ft 11 in (±1.5 m)
Angle Measurement Accuracy	±1°
Velocity Range	-9.8 to +9.8 m/s
Maximum Target Number	64
Frequency	24.050 to 24.250 GHz
Transmission Power	<20 dBm (100 mW)
<b>Alarm Input</b>	
Zones	16
Trigger Lines	4
<b>Alarm Output</b>	
Relay Output NO/NC	3-channel: maximum 1 A/30 VDC, 1-channel: maximum 10 A/28 VDC
<b>Application and Protocol</b>	
Protocols	Network protocol: HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH Standard ISAPI protocol
<b>Electrical and Battery</b>	
Consumption	<8 W
PoE	802.3at standard PoE
Power Supply	12 VDC
<b>Interface and Component</b>	
Network Interface	802.3at standard PoE
Power Interface	802.3at standard PoE or 12 VDC
Reset Button	1
Indicator	1 dual-color indicator: work status
Tamper Switch	1, front panel tamper-proof
<b>Others</b>	
Operation Temperature	-40° to 65° C (-40° to 149° F)
Operation Humidity	10% to 90% non-condensing
Dimension (W × H × D)	206 mm × 228 mm × 61 mm (8.11" × 8.98" × 2.40")
IP Level	IP67
IK Level	IK09
Anti-Corrosive Level	NEMA 4x
Weight	1.9 kg (4.2 lb)
Material	Front panel: PC+IBS Rear panel: metallic aluminum

## Approvals

Class	Standard	Approval
Radars	EN300 440	√
EMC	EN 50130-4	√
	EN 55032	√
	EN 55024	√
	EN61000-3-2	√
	EN61000-3-3	√
RED	ETSI EN 301 489-1	√
	ETSI EN 301 489-3	√
	ETSI EN 300 440	√
	EN 62311	√
	EN 60950-1	√
Other	IEC/EN 60529	IP67
	IEC/EN 62262	IK09
	ROHS/REACH/WEEE	√
	FCC	√
	CB	√
	RCM	√
	NEMA 4X	√

# Accessories

NOT INCLUDED				
				
<b>DS-PRB-1110</b> Wall Bracket for Vertical Installations	<b>DS-PRB-1120</b> Auxiliary Bracket To Hide Cable	<b>DS-PRB-1200</b> Pole Mount Bracket for Horizontal Installation	<b>DS-PRB-1310</b> Pole Mount with Wall Bracket for Vertical Installation	<b>DS-PRB-2200</b> PTZ Radar Linkage Pole Mount Bracket