



RFID SENSOR

RSP 9000

PRODUCT SPECIFICATIONS

Electrical:	
Air Interface Protocol	EPC UHF RFID Class 1 Gen 2 (ISO 18000-6C)
Operating Frequency	902-928 MHz (FCC), 865-868 MHz (ETSI)
Radiated Power	Up to 4W EIRP (2W ERP)
Antenna	Integrated Right-Hand Circular Polarized
Power Source	POE (802.3af, 802.3at, Cisco UPOE)
Power Consumption	13W max, 5W idle
Tag Read Range	> 15m
Tag Read Rate	> 600 tag reads / sec.
Visual Indicators	Single tri-color LED
IR Detection	Panasonic PIR Sensor
Mechanical:	
Dimensions	9" x 9" x 2" (23cm x 23cm x 5cm)
Weight	2.3 lbs. (1.0 kg)
Mounting	Vesa 65 mm pattern, M4 threads
Color	Black and White available
Environmental:	
Operating Temperature	0 to +45 degrees C
Rating	IP-50
Application Interface:	
Network Connectivity	Ethernet 10/100
IP Address Configuration	DHCP or Static
Data Protocols	JSON-RPC 2.0 over MQTT
Configuration / Management	mDNS/DNS-SD, MeshCentral
Time Synchronization	NTP
Regulatory:	
Safety Compliance	IEC 60950-1
RF Certifications	FCC Part 15.247 C, ETSI EN 302 208-1