

INTEL® RFID SENSOR H1000



INTEL® RFID SENSOR H1000 AT A GLANCE	
ELECTRICAL	
Air Interface Protocol	EPC UHF RFID Class 1 Gen 2 (ISO 18000-6C)
Operating Frequency	902-928 MHz (FCC), 865-868 MHz (ETSI)
Power Output	Up to +31.5 dBm
Antenna Ports	4-Ports, Reverse SMA
Power Source	POE+ (802.3af, 802.3at, Cisco UPOE)
Power Consumption	16W max, 5W idle
Tag Read Range	Based on external antenna type
Tag Read Rate	> 600 tag reads / sec.
Visual Indicators	Single tri-color LED
MECHANICAL	
Dimensions	6.25" x 6.25" x 1.25" (16cm x 16cm x 3.5cm)
Weight	1.46 lbs. (0.66 kg)
Mounting	Custom Bracket
Color	Black
ENVIRONMENTAL	
Operating Temperature	0 to +35 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	mDNS/DNS-SD
Time Synchronization	NTP
REGULATORY	
Safety Compliance	IEC 60950-1
RF Certifications	FCC Part 15.247 C, ETSI EN 302 208-1



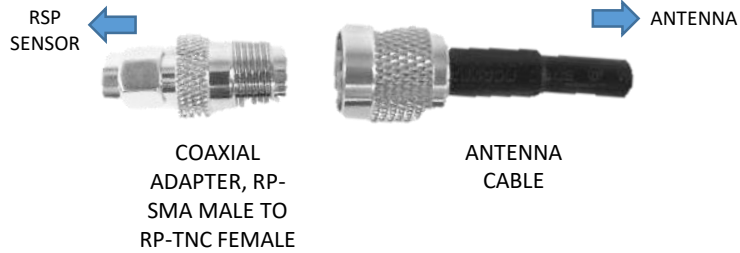
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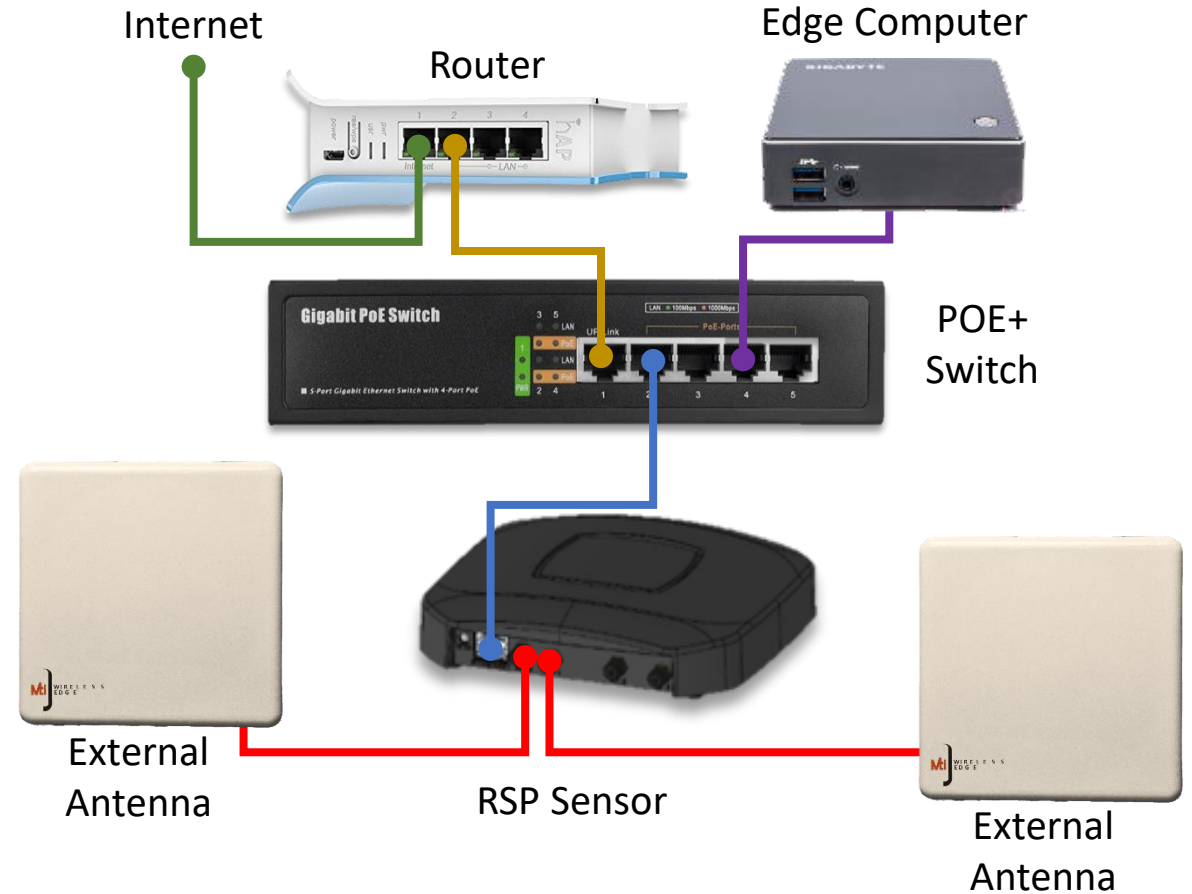


H1000 Kit Network Diagram

1 Connect Coaxial Adapter to Antenna Cable



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Getting Started Guide: <https://software.intel.com/en-us/getting-started-with-intel-rfid-sensor-platform-on-linux>