



Application:

- Scanning Tunnels
- Entrance/Exit Doors
- Tool Rooms
- Trailers
- Touchless Access Control
- Security Control
- Safety Gear Detection
- Access Management

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| Model Number: | R420 |
| Type: | 4 Port UHF RFID Reader |
| Protocol: | GS1/EPCglobal UHF Gen2 (ISO 18000-6C) or RAIN RFID |
| Dimensions: | 7.5 in H x 6.9 in W x 1.2 in D (19 x 17.5 x 3 cm) |
| IP Rating: | IEC IP52 |
| Shock and Vibration: | Mil-Std-810G Certified |
| Operating Temperature: | -20 °C to +50 °C |
| Operating Humidity: | 5% to 95%, non-condensing |
| Weight: | 1.5 lbs (24.5 oz) |
| Supported Regions: | 840-960 MHz, EU, US, Canada, JP and other worldwide regions. |
| Antenna Ports | 4 |
| Read Zones(maximum) | 32 with Antenna Hubs |
| Transmit Power (maximum without Antenna Hub) | FCC:32.5 dBm AC/ 31.5 dBm PoE ETSI: 31.5 dBm AC/ 30.0 dBm PoE |
| Received Sensitivity (maximum) | -84dBm |
| Return Loss (minimum) | 10dBm |
| Network Connectivity | 10/100BASE-T Ethernet |
| GPIO Support | Yes |
| USB ports | 1 device (Type B), 1 host (Type A) |
| Management Console Port | RS-232 using standard Cisco-style management cable (DB-9 to RJ-45) |
| Power Sources | 802.3af Poe or AC-DC power supply rated for 24Vdc/2.1A |