



CONTINUOUS SCANNING SMART ANTENNAS FROM BOWE IQ

- **REAL-TIME, ACCURATE INVENTORY TRACKING**
- **LONG READ-RANGE CAPABILITIES**
- **LOW-COST, LONG-LASTING, BATTERY-FREE TAGS**
- **MINIMAL MAINTENANCE**
- **SPACE-SAVING & ENERGY EFFICIENT**
- **IMPROVED SECURITY**

Used primarily for asset tracking, personnel monitoring, and inventory control, passive RTLS (Real-Time Location Systems) offer a slick, cost-effective and efficient tracking solution. Essential to this is of course Continuous Scanning (CS) Smart Antenna technology.

Hands-free and always on, our CS Smart Antennas offer an impressive location accuracy of 30cm (1 ft). They are ideal for high ceilings and wide areas, e.g. dock doors, aisles and racking, or production and staging lines.

The RT-910 antenna, ideal for ceilings up to 9.1 metres (30 ft), reads RAIN RFID (Passive UHF) tags within 13.7 metres (45 ft). For higher ceilings, the RT-1520 doubles this range instantly.

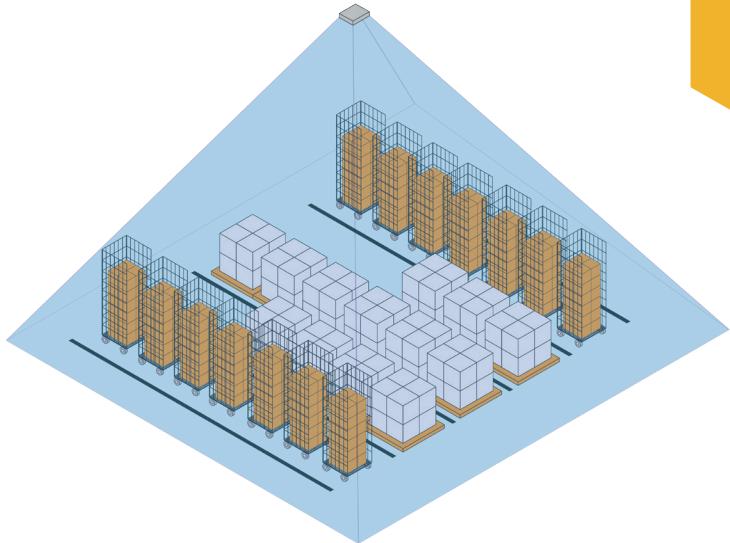
Integrating with BOWE IQ software unlocks even greater efficiency through cost-saving automated workflows.

SPECIFICATIONS



2 SIZES AVAILABLE:

The **RT-910** for a mounting height of 3m (10ft) to 9.1m (30ft) and the **RT-1520** for ceilings between 7.6m (25ft) and 15.2m (50ft)



PERFORMANCE

Tag Read Period: 8 ms

Tag Location Accuracy:

RT-910: 0.31m-0.46m (1.0ft-1.5ft)

RT-1520: 0.46m-0.91m (1.5ft-3.0ft)

Scan Angle-Horizontal: -45-45 degrees

Scan Angle-Vertical: -45-45 degrees

Power Level: 0.2-4 W-EIRP

Radiated Power (FCC/IC):

RT-910: +36dBm (4W) EIRP

RT-1520: +24 (0.25) - +36 (4) dBm (4W) EIRP

OPERATING

Environment: Indoor

Humidity Range: 5-95%RH

Operating Temperature Range:

RT-910: -20°C-45°C (-4°F-113°F)

RT-1520: -30°C-45°C (-22°F-113°F)

Non-Operating Temp. Range: -40°C-85°C (-40°F-185°F)

Cold Start Installation Temp: -10°C (-14°F)

POWER

PoE IEEE 802.3 Type1 Voltage:

RT-910: 37-57 VDC

PoE IEEE 802.3 Type 1 Current:

RT-910: 305 mA

PoE+ IEEE 802.3 Type 2 Voltage:

RT-1520: 42-57 VDC

PoE+ IEEE 802.3 Type 2 Current:

RT-1520: 600 mA

MECHANICAL

Dimensions:

RT-910: 60cm (L) x 60cm (W) x 10cm (D)
23.75in (L) x 23.75in (W) x 4in (D)

RT-1520: 60cm (L) x 115cm (W) x 10cm (D)
23.75in (L) x 46in (W) x 4in (D)

Weight:

RT-910: 6.8kg (15lbs)

RT-1520: 12kg (26lbs)

INSTALLATION

Data & Power Connector:

RT-910: RJ45 10/100 Ethernet

RJ45 PoE IEEE 802.3af/at Type 1 Class 3

RT-1520: RJ45 100 Ethernet

RJ45 PoE IEEE 802.3at Type 2 Class 4

THE BOWE IQ SOFTWARE EFFECT

While our CS Smart Antennas can be purchased as a standalone product, they really come into their own when embedded into an intelligent BOWE IQ Cloud software ecosystem with all the necessary functions for inventory counting, asset commissioning, locating, and reporting. Its scalable and flexible design enables companies to start with a basic installation and add features and modules as needs evolve.



CONTACT US TO DISCUSS:

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