

EX5200R Rugged Long Range Outdoor Tag Exciter



- Rugged design for outdoor use
- Long range of up to 5m
- Wall/ceiling or pole mounting options
- Full RFID tag detection capabilities
- Supports exciter chaining for increased range

Part of Extronics' AeroScout RTLS solutions, the EX5200R is a low frequency tag exciter for use in outdoor environments. Based on the same technology as the leading EX5200 indoor exciter, the EX5200R adds a robust enclosure to enable use in harsher environments. The EX5200R uses tried-and-tested technology and sophisticated RFID detection capabilities to detect and manage AeroScout tags at egress points, zone boundaries, muster points, and other flow control situations.

Inventory Management

Get real-time knowledge of inventory levels without manual checks or barcode scanning. The EX5200R can automatically determine which assets are within each defined area, so inventory records can be updated.

Security

Prevent unauthorised entry to or exit from restricted areas by placing EX5200R exciters at gateways, triggering automatic alerts if approached by unauthorised personnel.

Process Control

Get a real-time view of your production line; track the location of equipment, carriers, and WIP inventory during the production cycle using EX5200R exciters at key points.

Theft Prevention

Our customers often have expensive and mission-critical equipment. You can tag valuable assets that are intended to remain within a specified area and use the EX5200R to trigger an alert if those assets pass through an exit point or leave a restricted area.

Automatic Mustering

Get real-time information during emergency evacuations. Place EX5200R exciters at your muster points to see which workers are safe, and which are not yet out of danger.

Real-Time Alerts

You can use the EX5200R exciter to trigger automated events and alerts based on the location of assets and personnel.



Mounting and power options



Wall/ceiling or pole mounting options.



Power options and the sealed connector panel.

Specification

Range	Adjustable from 0.5 m to 5.0 m (4.9 to 16.4 ft) in intervals of 0.5 m (1.6 ft)
Weight	1.8 kg (4lbs)
Dimensions	232 x 262 x 102 mm (9.1 x 10.3 x 4 in)
Housing	Reinforced Polycarbonate with 10%GF (Lexan 503R from Sabic)
LF Channel	125 KHz Field intensity limits: 66dBuV/m @ 10m (ETSI) Propagation limits: 25.7dBuV/m@ 300m (FCC) Modulation: ASK
Network Interface	Ethernet (RJ-45)
Power	Input voltage: 24-48VDC PoE (802.3af) 48VDC Maximum power consumption: 6W Maximum power consumption of External LF Antenna: 5W
Environmental	Operating temperature: 0 to 50°C (32°F to 122°F) Humidity: 0 to 95%
IP Rating	IP65
Radio Certification	FCC Part 15, sub-part C class B, sub-part B EN 300-330, EN 301-489; RSS 210 (Canada); EMC IEC60601-1-2 (Europe)
Safety Certification	CE, cTUVus (EN60950)

Ordering information

Indoor/outdoor Rugged Exciter with Long range LF (up to 5m/16 ft)

Part number

EX5200R



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