

# Exo Range – Encased

Product Name								
Typical Applications		Tool tracking. Attachment to small industrial assets for maintenance applications.	Logistics & Postal Industries. Automotive. Retail & warehousing.	Weapons. Tool & Die. Industrial Assets.	Automotive Supply Chain. Logistics and Postal. Manufacturing tote tracking.	Manufacturing tote tracking. Logistics and Postal. Retail supply chain.	Plastic RTIs and Containers. Plastic Pallets.	Plastic RTIs and containers Plastic pallets Non-metallic industrial assets
RF Specifications	Frequency Range (MHz)	866–868 (EU) 902–928 (US)	860–940 (GS)	865.6–867.6 (ETSI) 915–925 (FCC)	860–930 (GS)	860–940 (GS)	860–940 (GS)	860–940 (GS)
	Read Range (m) – Fixed reader Handheld reader	Up to 3.0 Up to 1.8	Up to 6.0 Up to 3.0	Up to 5.5 Up to 3.5	Up to 8.0m (US), 7.0m (EU) Up to 4.0m (US), 3.5m (EU)	Up to 8.0	Up to 8.0	Up to 8.0
	Material Compatibility	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for plastic substrate	Optimized for plastic substrate
	IC Type	Alien Higgs 3	Impinj Monza 4QT	Alien Higgs 3	Impinj Monza 4QT	Impinj Monza 4QT or Alien Higgs 3	Alien Higgs 3	Alien Higgs 3
Physical and Environmental Specifications	Encasement	Durable Thermoplastic Material	ABS Rigid Plastic	Durable Thermoplastic Material	ABS Rigid Plastic	ABS Rigid Plastic	PVC	ABS Rigid Plastic
	Size (mm)	63 × 9.75 × 3.6	80 × 15 × 12.2 (with holes) 60 × 15 × 12.2 (without holes)	30 × 21 × 6.35	51.0 × 48.0 × 12.6	110 × 25.0 × 12.85	96 × 28 × 1.3	105 × 36 × 3.5
	Weight (g)	2.1	12.5 (with holes) 11.5 (without holes)	75	25.6	26	2.7	11.6
	Operating Temperature Max Exposure Temp (°C)	–40 to +85 +105	–40 to +85 +105	–20 to +85 +105	–40 to +65 +105	–40 to +85 +105	–20 to +65 +65	–40 to +85 +85
	Ingress Protection	IP68	IP68	IP68	IP68	IP68	IP68	IP68
	Shock and Vibration	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-G	MIL STD 810-G
Attachment		Industrial Foam Tape	Mechanical (std.)	Film adhesive (std.)	Mechanical (std.)	Mechanical (std.)	Rivet/Screw/Adhesive	Rivet/Screw/Adhesive
Order Codes*		057-US, EU	061-GS	095-GS	078-GS	077-GS	111-GS	104-GS

\* Order Option Codes are listed on the datasheets.