

Xerafy Trak Series EPC UHF RFID-On-and-Off-Metal Tags

Xerafy's Trak Series tags are small in size but giant on features, style and performance. Designed with patented technology to be used both on and off metallic assets, the Global Trak II, Data Trak II, Versa Trak and Cargo Trak are sized to fit a wide variety of assets, from server blades and other IT components to totes, pallets and trailers. Compliant with EPC Class 1 Gen 2 (ISO 18000-6C) standards, these versatile tags offer superior read range capability at a cost effective price. The Trak product line was developed to offer logistics, warehousing, IT and financial services customers a cost effective option to deploy RFID on any asset with unparalleled performance and reliability. The flexibility to tag both metal and non-metal assets provides a one-stop RFID solution, boosting efficiency and productivity for the end user.



Features:

- Superior identification on and off metal
- High performance to size ratio
- Cost effective
- FSTC, RoHS, CE compliant



Applications:

Global supply chain logistics
IT asset management
Datacenter servers



Global Trak II

P/N: X0330-GL0011-M4E

The Global Trak II is a versatile, low cost global frequency RFID-on-and-off metal tag that is ideal for global asset management and datacenter servers.

EPC Class 1 Gen 2 (ISO 18000-6C)	128-bit user memory
Passive UHF RFID transponders	48-bit serial number; 496-EPC bits
Frequency:	860-960 MHz (Global)
Dimensions / tolerance (mm)	38 x 13 x 4.0 (+/- 0.35)
Dimensions / tolerance (in)	1.50 x 0.51 x 0.16 (+/- 0.014)
Tether hole dimensions:	ø 0.1 in +/- 0.008 (2.6 mm +/- 0.2)
Weight:	0.09 oz (2.6 g)
Read range on-metal (2W ERP):	Up to 8 ft (2.5 m)
Read range off-metal (2W ERP):	Up to 6 ft (1.8 m)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +185°F (-40°C to +85°C)
Attachment method:	Adhesive, cable tie, cord, wire
IP rating:	IP54
Compliance:	FSTC, RoHS, CE

*Global Trak II and Data Trak II utilize an Impinj M4 series chip; each tag will have the exact same EPC number and a unique TID number. Xerafy will verify the Read/Write function of each chip memory before shipment.



Applications:

- IT asset management
- Laptop and PC security
- WIP small parts bins



Applications:

- RTI management
- Pallet tracking
- Storage rack identification



Applications:

- Vehicle chassis and trailer tracking
- Unit Load Device identification
- Logistics management



Data Trak II P/N: X0330-US011-M4 / X0330-EU011-M4

The Data Trak II is a versatile, cost effective RFID-on-and-off metal tag that is ideal for IT asset management and datacenter servers.

EPC Class 1 Gen 2 (ISO 18000-6C)	128-bit user memory
Passive UHF RFID transponders	48-bit serial number; 496-EPC bits
Frequency:	902-928 MHz (US); 866-868 MHz (EU)
Dimensions / tolerance (mm)	38 x 13 x 4.0 (+/- 0.35)
Dimensions / tolerance (in)	1.50 x 0.51 x 0.16 (+/- 0.014)
Tether hole dimensions:	ø 0.1 in +/- 0.008 (2.6 mm +/- 0.2)
Weight:	0.08 oz (2.3 g)
Read range on-metal (2W ERP):	Up to 14.8 ft (4.5 m)
Read range off-metal (2W ERP):	Up to 8 ft (2.5 m)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +185°F (-40°C to +85°C)
Attachment:	Adhesive, cable tie, cord, wire
IP rating:	IP54
Compliance:	FSTC, RoHS, CE

Versa Trak P/N: X0350-US011-H3 / X0350-EU011-H3

The Versa Trak's small form factor and long read range make it an ideal solution across a complete supply chain.

EPC Class 1 Gen 2 (ISO 18000-6C)	512-bit user memory
Passive UHF RFID transponders	64-bit TID; 96-EPC bits, extendible to 480 bits
Frequency:	902-928 MHz (US); 866-868 MHz (EU)
Dimensions / tolerance (mm)	50.3 x 17 x 5.3 (+/- 0.35)
Dimensions / tolerance (in)	1.98 x 0.67 x 0.21 (+/- 0.014)
Weight:	0.11 oz (3 g)
Read range on-metal (2W ERP):	Up to 26 ft (8 m)
Read range off-metal (2W ERP):	Up to 13 ft (4 m)
Operating temperature:	-22°F to +185°F (-30°C to +85°C)
Application temperature:	-40°F to +185°F (-40°C to +85°C)
Attachment:	High performance adhesive
IP rating:	IP54
Compliance:	RoHS, CE

Cargo Trak P/N: X03A0-US100-H3 / X03A0-EU100-H3

The Cargo Trak is well suited to meet shipping and logistics management applications where longer read ranges and more durable tags are required.

EPC Class 1 Gen 2 (ISO 18000-6C)	512-bit user memory
Passive UHF RFID transponders	64-bit TID; 96-EPC bits, extendible to 480 bits
Frequency:	902-928 MHz (US); 866-868 MHz (EU)
Dimensions / tolerance (mm)	100 x 26 x 8.9 (+/- 0.5)
Dimensions / tolerance (in)	3.94 x 1.02 x 0.35 (+/- 0.02)
Weight:	0.61 oz (17.2 g)
Read range on-metal (2W ERP):	Up to 39 ft (12 m)
Read range off-metal (2W ERP):	Up to 20 ft (6 m)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +185°F (-40°C to +85°C)
Attachment:	Rivet hole, 0.14 in (3.5 mm); adhesive (optional)
IP rating:	IP68
Compliance:	RoHS, CE