verify. quantify. **XERAFY** ®

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.

RoHS 2002/95/EC   CE   ISO 9001 SGS QUALITY ASSURED FIRM

XERAFY®

Trak Series RFID-On-and-Off-Metal Tags

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

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

Applications:

IT asset management

Laptop and PC security

WIP small parts bins

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.

Applications:

RTI management

Pallet tracking

Storage rack identification

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.

Applications:

Vehicle chassis and trailer tracking

Unit Load Device identification

Logistics management

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