

Xerafy XS Series EPC UHF RFID-On-Metal Tags

The XS Series metal tags pioneer Xerafy's array of small and robust UHF RFID metal tags. XS tags are passive UHF Class 1 Gen 2 tags which are specially designed for small assets tracking. The ability of Xerafy's XS tags to be used for metal applications has opened many doors for source tagging opportunities. The XS Series is versatile, offering two different shapes – Dot and Dash with an impressive read range of up to 2metres.



Features:

- Can be embedded in metal
- ATEX certified
- Withstands high temperature

Applications:

Tool tracking
Source tagging
Small asset tracking
Weapon tracking



Series Specifications:

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)
Operating temperature:	-40°F to +185°F (-40°C to +85°C)
Application temperature:	-40°F to +302°F (-40°C to +150°C)
Attachment method:	Epoxy, embedded
IP rating:	IP68
Compliance	RoHS, CE, ATEX/IECEX

1. Stated performance based on standard testing, read range may vary dependent on hardware and power.
2. EPC and user memory reprogrammable, unique TID locked at point of manufacture.

Dot-On XS / Dot-iN XS

P/N: X4102-US000-H3/X4102-EU000-H3
P/N: X4202-US000-H3/X4202-EU000-H3

Dimensions / tolerance (mm):	ø 6 x 2.5 (+/- 0.2)
Dimensions / tolerance (in):	ø 0.24 x 0.1 (+/- 0.008)
Weight:	0.012 oz (0.34 g)
Read range on metal (2W ERP):	Up to 5 ft (1.5 m)
Read range in metal (2W ERP):	Up to 3 ft (1 m)

Dash-On XS / Dash-iN XS

P/N: X4101-US000-H3/X4101-EU000-H3
P/N: X4201-US000-H3/X4201-EU000-H3

Dimensions / tolerance (mm):	12.3 x 3 x 2.2 (+/- 0.3)
Dimensions / tolerance (in):	0.48 x 0.12 x 0.09 (+/- 0.012)
Weight:	0.016 oz (0.44 g)
Read range on metal (2W ERP):	Up to 6.6 ft (2 m)
Read range in metal (2W ERP):	Up to 5 ft (1.5 m)

