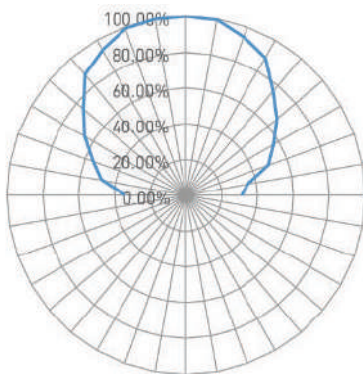




## XS DASH

### Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 902-928 MHz (US);  
865-868 MHz (EU)
- **IC type (chip)**<sup>1</sup> NXP UCODE 8
- **Chip memory**<sup>2</sup> 128 bits EPC, 96 bits TID;  
user memory (optional)
- **Read range fixed**<sup>3</sup> Up to 6.56 ft (2 m)
- **Read range handheld**<sup>3</sup> Up to 4.92 ft (1.50 m)
- **Polarization** Linear
- **Radiation pattern on metal**



### Key Features

- + **Small form factor:** fits small asset
- + **2 m read range:** superior performance-to-size ratio
- + **200°C:** withstand high temperatures
- + **IP68 rating:** waterproof

### Applications

- Hand tools and equipments
- MRO tool control
- Weapon management

### Environmental Specifications

#### Temperatures



- Operational -40°C to +85°C
- Survival -40°C to +150°C (168 hours)
- Peak 200°C (minutes)

- **IP rating** IP68
- **Compression strength** 790 psi (5,447 kPa)
- **Shock** 3 ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

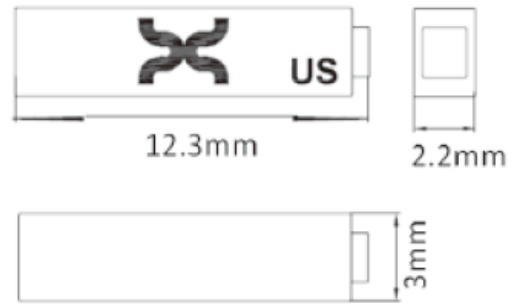
<sup>2</sup> EPC can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.

<sup>3</sup> Performance based on standard testing methodologies. Performance may vary depending on environmental factors and reader output power.



## Physical Specifications

- **Material** Ceramic
- **Dimensions (in)**<sup>1</sup> 0.48 x 0.12 x 0.09
- **Dimensions (mm)**<sup>1</sup> 12.30 x 3 x 2.20
- **Weight** 0.016 oz (0.44 g)



### Mounting Systems

- Epoxy

### Installation Instructions

To properly attach the XS Dash, the following steps should be taken:

1. Use instant glue to place the tag on the asset.
2. Cover the tag with epoxy resin to secure the tag in place. Using epoxy will both help secure the tag to the asset as well as help prevent damage from shock and impact.

<sup>1</sup>Tolerance: +/- 0.012; +/- 0.200

## Industry Compliance



## Order Information

XS Dash US: X4101-US000-U8

XS Dash EU: X4101-EU000-U8

### Customization Options

Encoding

ATEX Certified Version

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