URU

30

Stainless-steel high-temperature UHF RFID tag

A 60 × 35 × 7 mm RFID tag for high-temperature metal-asset identification; validate the full thermal cycle and installation method.

FORM FACTOR

60 × 35 × 7 mm

Stainless steel / 36 g

REFERENCE RANGE

Up to 3 m

selection reference; application-dependent

RFID PLATFORM

Alien H3

Memory: 96-bit EPC / 512-bit user memory

URU HIGH-TEMPERATURE PLATFORM

Stainless-steel mechanical interface

Screw, rivet or epoxy mounting on industrial metal assets.

FEATURES & BENEFITS

01 **Metal mechanical interface**

Supports robust integration with harsh metal assets.

02 **Installation options**

Screw / rivet / epoxy

03 **Reference read range**

Up to 3 m; validate the installed application.

04 **Qualification boundary**

IP68 in legacy product record; confirm current test evidence.

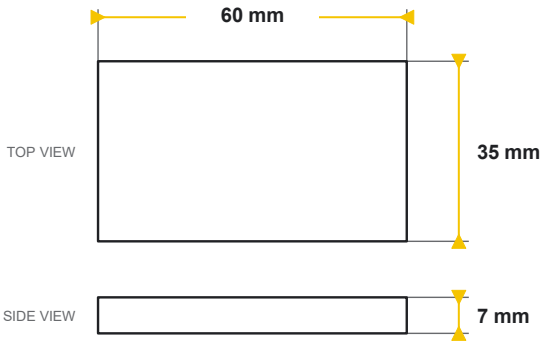
READ RANGE IS A REFERENCE RESULT — NOT A DEPLOYMENT GUARANTEE.

Actual results depend on reader, antenna, mounting surface, orientation, asset geometry and RF environment.

URU 30 / TECHNICAL SPECIFICATION

Stainless-steel high-temperature RFID tag

MECHANICAL PROFILE



Proportional external envelope. Holes, radii and tolerances: refer to the approved production drawing.

RFID & MECHANICAL SPECIFICATION

Product dimensions	60 × 35 × 7 mm
Material / weight	Stainless steel / 36 g
Frequency versions	866–868 MHz / 902–928 MHz | ISO 18000-6C
RFIC / EPC memory	Alien H3 | 96-bit EPC / 512-bit user memory
Recommended mounting	Screw / rivet / epoxy
Construction	Stainless-steel mechanical interface

REFERENCE PERFORMANCE & APPLICATION BOUNDARY

ON METAL

Up to 3 m

Selection reference; validate reader, antenna, substrate and orientation.

HEAT EXPOSURE

Up to 250°C

Cool before reading; qualify dwell time and cycles.

RF OPERATION

-40°C to 85°C

IP68 in legacy product record; confirm current test evidence.

FOR A VALIDATED RECOMMENDATION

Share asset material, geometry, country of use, reader/antenna, target distance and installation constraints.