



UHF RFID Stud-Mount Tag IDTS-7024 (70 × 24 mm, M3 Thread)

Model IDTS-7024 · Brand: Identium



A 70 × 24 mm UHF RFID tag in a metal alloy, PCB and epoxy body that fixes with an M3 screw into its underside stud. Rated −40 °C to +200 °C and specified for burial in the ground.

KEY FEATURES

- **Central underside stud with M3 internal thread; no through-holes**
- **Metal alloy housing, PCB inlay and epoxy resin potting**
- Specified as designed for burial in the ground
- Operating temperature −40 °C to +200 °C
- NXP UCODE 8, ISO 18000-6C, 128-bit EPC, 96-bit TID
- Approx. 4 m read range, depending on the reader

APPLICATIONS

Buried utility markers

Valve pits and chambers

Cable joint marking

Machine frames

Hot process fixtures

Trackside equipment

SPECIFICATIONS

Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	ISO 18000-6C
Chip	NXP UCODE 8
Memory	EPC 128 bits; TID 96 bits
Read range	Approx. 4 m (depends on reader)
Dimensions	70 × 24 × 7 mm body; 18 mm total height including stud
Material	Metal alloy, PCB and epoxy resin
Mounting	Central underside stud with M3 internal thread
Mounting surface	Not specified as anti-metal; test before fixing to large metal bodies
Shape	Rectangular bar with a central threaded stud underneath
Environment	Specified for burial in the ground; no IP rating stated
Colour	Silver metallic body, glossy black epoxy top
Operating temperature	−40 °C to +200 °C