

UHF CONCRETE TAG

IDT CT



High temperature
resistant



IP 68



UHF RFID

RFID Concrete Tag IDT CT is a type of passive tag specifically designed to be affixed to precast concrete objects. They are easy to install on any type of concrete surface through the use of rivets, adhesives, and magnets. These tags are perfect for assets that are exposed to harsh conditions such as shock, vibration, chemical exposure, and fluctuating temperatures. They are widely used in construction sites, warehouses, and automotive industries for inventory management purposes. RFID Concrete Tags offer an extended reading range, making them suitable for various applications.

PHYSICAL PARAMETERS

Dimensions	50mm x 50mm
Weight	3 g
Encasement / Material	PET/PVC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

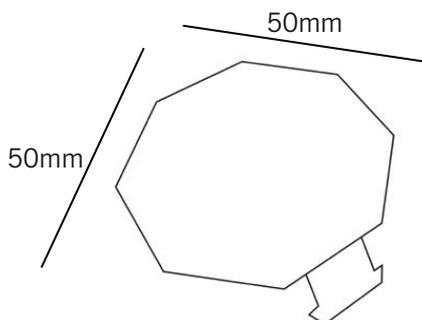
Operating Temperature	-20°C to +95°C
Storage Temperature	-20°C to +95°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Adhesive / Rivets & Screws / Magnets
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	125KHz/13.56MHz/865 – 868 MHz / 902 – 928 MHz
Standard Protocol	ISO14443 TypeA/ISO 15693/EPC C1 GEN2v2, ISO 18000-6C
Chip Type	Alien Higgs-9, Impinj M700/800 series, UCODE 9 chip
EPC Memory	Chip Dependent

TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 50 cm (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 25 cm (Reader & Chip Dependent)

TAG DIMENSION



PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.CT.BL (Blank)
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APPLICATION AREA



Mining and Extraction



Oil and Gas



Construction and Engineering



Supply Chain



Transportation



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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