

UHF STRIP TAG

IDT ST100



The RFID Strip Tags (IDT ST100) are UHF Gen2 Long range passive tags that boast an array of impressive features. With their large size, these tags provide ample surface area for optimal readability and easy application on assets such as pallets, crates, and containers. The Strip Tags come with a remarkable 10m read range, ensuring reliable and accurate data capture even in challenging environments. Additionally, these tags are built with an IP68 rating, making them resistant to dust and water ingress, further enhancing their durability and performance.

PHYSICAL PARAMETERS

Dimension	100mm x 22mm x 16mm
Weight	8g ± 2
Encasement / Material	ABS/PC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Adhesive / Rivets & Screws
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	EPC C1 GEN2, ISO 18000-6C
Chip Type	"Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P,UCODE 7/8 chip"
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 10m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 5m (Reader & Chip Dependent)

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.ST100.BL (Blank)
	IDT.RF.T.ST100.AI (Adhesive Indoor)
	IDT.RF.T.ST100.AO (Adhesive Outdoor)

APPLICATION AREA



Warehouse



Construction



Manufacturing



Supply Chain



Transportation



Logistics



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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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