UHF STRIP TAG
IDT ST65

UHF   Low Cost   IP 68   Durable   Reusable

The RFID Strip Tags (IDT ST65) are UHF Gen2 long-range passive tags designed for a wide range of application areas. Compact in size yet highly capable, these tags deliver reliable performance with an impressive read range of up to 8 meters. Featuring an IP68 rating, they are built to withstand harsh environments, offering excellent protection against dust and water ingress. Their versatile design makes them suitable for use across multiple industries, enabling efficient asset tracking and reliable identification.

PHYSICAL PARAMETERS

Dimension	65mm x 16mm x 06mm
Weight	6g ± 2
Encasement / Material	ABS/PC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40℃ to +85℃
Storage Temperature	-40℃ to +85℃
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 Class 1 Gen 2v2, 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 8m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 6m (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.ST65.BL (Blank)
	IDT.RF.T.ST65.AI (Adhesive Indoor)
	IDT.RF.T.ST65.AO (Adhesive Outdoor)

APPLICATION AREA

Warehouse	Construction	Manufacturing	Supply Chain	Transportation	Logistics

The product specifications and details in this sheet are subject to change without notice.