

UHF SOLAR TAG

IDT STF 10



ID Tech's IDT STF 10 Solar PVC Tags are passive UHF Gen2 long-range tags that offer exceptional performance. They are commonly used in energy and manufacturing facilities to keep track of SPV modules. These tags can be read from a distance of up to 4m, making them ideal for use in energy and manufacturing facilities to keep track of SPV modules. These tags are simple to install due to their adhesive backing, and they can be encoded to differentiate between various tags.

PHYSICAL PARAMETERS

Dimension	65mm x 20mm
Weight	3gm ± 1
Encasement / Material	PET / Polyester
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	General Purpose Adhesive, 3M
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865-868 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
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 4m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 2m (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.ST.10.AI (Adhesive Indoor) IDT.RF.T.ST.10.AO (Adhesive Outdoor)
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APPLICATION AREA



Energy



Construction



Manufacturing



Supply Chain



Logistics



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