UHF RFID WAGON TAG
IDT WGN

UHF · **Low Cost** · **IP 68** · **Durable** · **Reusable**

The IDT RFID Wagon Tags (IDT WGN) are specialized UHF Gen2 Long Range Passive Tags specifically designed for on-metal identification of wagons. These tags can be securely attached to wagons using various methods, including 3M Adhesive, Screw, Pop Rivets, and Welding. With their exceptional reading range, Wagon Tags are well-suited for deployment in diverse industries such as Logistics, Transportation, and Supply Chain. Experience superior performance and seamless tracking capabilities with IDT Wagon Tags, enhancing efficiency and control in wagon management.

PHYSICAL PARAMETERS

Dimension	150mm x 25mm x 16mm
Weight	80g ± 5
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	Acrylic 3M Adhesive, Screw, Pop Rivets, Welding
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865 – 868 MHz / 902 – 928 MHz
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 15m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 7m (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.WGN.BL (Blank)

APPLICATION AREA

Railways   Supply Chain   Transportation   Logistics