

UHF RFID WAGON TAG

IDT WGN



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 PARAMTERS

Dimension	150mm x 25mm x 16mm
Weight	80g \pm 5
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	Acrylic 3M Adhesive, Screw, Pop Rivets, Welding
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 7m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 15m (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)
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APPLICATION AREA



Railways



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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