ID TECH
IDENTITY AND SECURITY

UHF Mount On Metal Tag
IDT FERRIC™ 110

RFID UHF | **$** Low Cost | **IP 68** IP 68 | Durable | Reusable

The IDT Ferric 110 is one of the largest RFID tags in the Ferric series, measuring 110mm x 25mm x 15mm. Despite its size, this tag offers a long read range of up to 10 meters, depending on the specific setup and environment. Like other Ferric series tags, the Ferric 110 is designed to be versatile and easy to mount. It can be attached using adhesive, magnetic, or screw options, depending on the specific requirements of the application. The Ferric 110 tag is well-suited for a variety of tracking and management applications, particularly in industrial settings. Its large size and long read range make it ideal for tracking large items, such as vehicles or heavy equipment, and it can help improve efficiency and accuracy in a variety of tracking and management tasks.
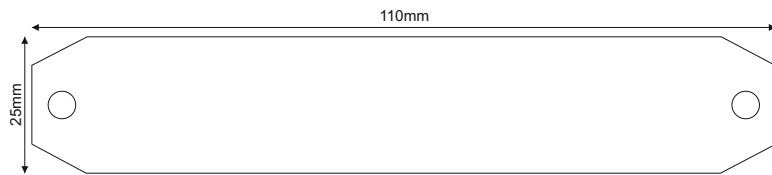
PHYSICAL PARAMETERS

Dimensions	110mm x 25mm x 15mm
Weight	15gm ± 2
Encasement / Material	ABS/PVC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

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, Magnets
Sealing	IP 68

FERRIC 110 DIMENSION

110mm

25mm

UHF PERFORMACE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	EPC Class 1 Gen2 (ISO18000-6C)
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 with Fixed Reader	Up to 10m (Reader & Chip Dependent)
Read Range with 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.FE.110.BL (Blank)
	IDT.RF.T.FE.110.AI (Adhesive Indoor)
	IDT.RF.T.FE.110.AO (Adhesive Outdoor)
	IDT.RF.T.FE.110.MR (Magnets / Rivets)

APPLICATION AREA

Manufacturing	Aviation	Logistics	Supply Chain	Warehouse