ID TECH
IDENTITY AND SECURITY

IDT RETAIL TAG
RFID+EAS Anti-theft Tags

IDT Retail tag is a dual-frequency smart tag that combines EAS (Anti-theft) technology and RFID technology. There EAS + RFID Tags are specially designed for the Retail Industry to prevent theft, enhance the visibility of goods, and provide customers with intelligent services. These tags are fully compatible with the global EAS system and are fully consistent with international standards; the tags can be reused, which can save a lot of use costs. These tags have large-capacity memory to fully meet your information storage needs, generally used for shelf management, inventory management, and fast cash register, so that users can quickly obtain product information.

PHYSICAL PARAMETERS

Dimensions	68.8*30*20 mm
Weight	20gm
Encasement/Material	ABS Plastic, Steel Pin
Packaging	Premium Plastic Packing

RFID SPECIFICATIONS

Protocol	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Operating Frequency	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Read Range Fixed Reader	Up to 4m (Reader Dependent)
Read Range Handheld Reader	Up to 2m (Reader Dependent)
IC Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	96-128 bits or Chip Dependent
User Memory	Chip Dependent

EAS SPECIFICATIONS

Operating Frequency	8.2MHz/58KHz
Read Range	Up to 2m

IDT RETAIL TAG DIMENSION

30 mm

68.8 mm

ENVIRONMENTAL SPECIFICATIONS

Operating Tempreture	-20°C to +75°C
Storage Tempreture	-40°C to +85°C
IP Rating	IP 65
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Magnetic Lock

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	NA

ORDER INFORMATION

Part No.	IDT.RFID.EAS.T.W

APPLICATION AREA

Retail   e-commerce   Logistics   Supply Chain