

UHF RFID ACRYLIC TAG

IDT ACR



Low Cost



IP 67



UHF RFID

The RFID Acrylic Tags (IDT ACR) are high-performance UHF Gen2 Long Range passive tags specially designed for the IT industry. Made from durable acrylic material, they offer resistance to chemical solvents and moisture, ensuring reliable performance in demanding environments. The adhesive backing allows for easy mounting, while the IP67 sealing provides protection against dust and water ingress. With a read range of up to 6m (fixed reader) and 3m (handheld reader), Acrylic Tags deliver excellent performance for reliable asset tracking and management. Upgrade your IT asset management system with Acrylic Tags, ensuring efficiency, durability, and reliable data capture.

PHYSICAL PARAMETERS

Dimensions	80mm x 30mm
Weight	8g ± 1
Encasement / Material	Acrylic
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	Adhesive Backing For Easy Mounting
Sealing	IP 67

UHF 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

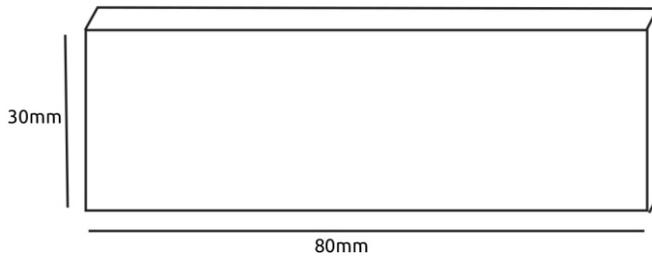
Read Range Fixed Reader

Up to 6m (Reader & Chip Dependent)

Read Range Handheld Reader

Up to 3m (Reader & Chip Dependent)

TAG DIMENSION



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.ACR.WA (Adhesive)

APPLICATION AREA



IT Office



Education



Retail



Warehouse



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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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