

IDT UHF RFID EAR TAG - 02

RFID Animal Identification Tags



Tamper
Proof



UHF
RFID



UV
Resistant

IDT UHF RFID Ear Tag – 2 operates passively using radio frequency, requiring no external power source, making it cost-effective and long-lasting. When applied to the animal's ear, data can be read from a considerable distance without disturbing or approaching the animal. It enables fast and efficient data collection in farms, slaughterhouses, and other sectors where bulk reading from a distance is required.

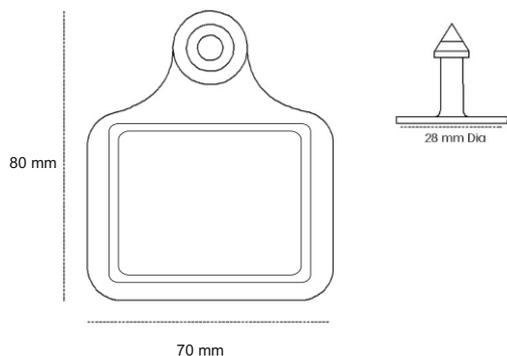
PHYSICAL PARAMETERS

Dimensions	80 (L) X 70 (W) X 3.25 (T) mm
Weight	14.30 g
Encasement	Ether Grade Thermoplastic Polyurethane Elastomer
Packaging	100 Pcs Male In Polybag 100 Pcs Female In Polybag
Color	Lemon Yellow (Other Colour Available Upon Request)

RF FREQUENCY

Protocol	EPC Class 1 Gen2 (ISO 18000-6C)
Operating Frequency	865-868 MHz (ETSI), 902-928 MHz (FCC)
Reader Range with Fixed Reader	Upto 10m (Reader Dependant)
Reader Range with Handheld Reader	Upto 6m (Reader Dependant)
IC Type	UCODE 8
EPC Memory	Up to 128 Bit
TID Memory	96 Bit
Data Retention	10 Years
Read-Write Cycle	Up to 100,000

RFID ANIMAL TAG DIMENSION



ENVIRONMENTAL SPECIFICATION

Temperature	-40°C - +70°C (Operating) / -40°C - +85°C (Storage)
IP Rating	IP 68
Humidity	95%
Chemical Resistance	Resistant to Chemical Solvent & Moisture

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC Customer Specific Layout Including Logo
User Laser Marking	Text, Numbers, Barcode, Etc.

ORDER INFORMATION

Part No.	IDT.RF.UHF.ET-2
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APPLICATION AREA



Semen
Collection



Health Record
Keeping



Insurance



Slaughter
House



Livestock
Identification



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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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