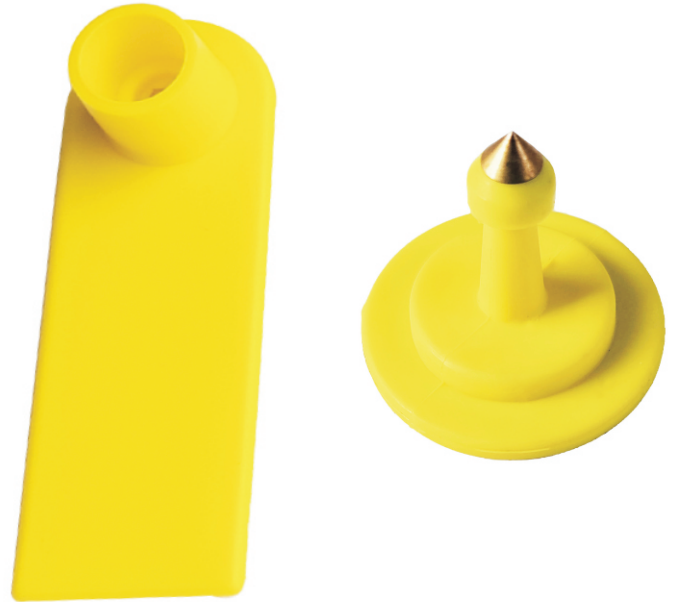


# IDT UHF RFID EAR TAG - 1

RFID Animal Identification Tags



UHF RFID animal tags are passive operated for identification of livestock, health record keeping, insurance and slaughter house. These tags consist of a male and female part and they are clamped together in the ear. Printing and encoding of these tags are also available for easy implementation. These tags help diary owners and breeders to manage their livestock more efficiently. Also vaccination and other health details are mapped against UID.

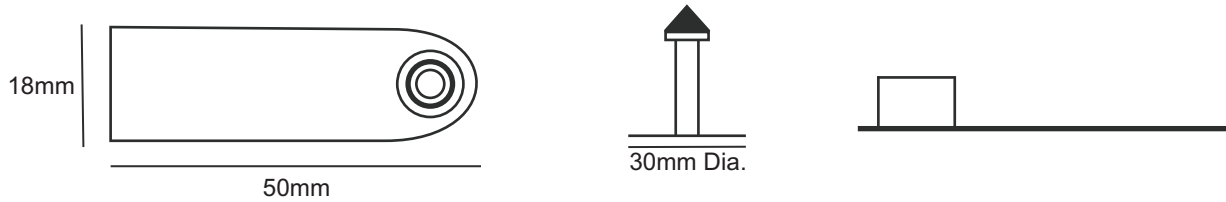
## PHYSICAL PARAMETERS

<b>Dimensions</b>	F (50mm * 10mm) M (28mm Dia.)
<b>Weight</b>	3gm $\pm$ 2
<b>Encasement</b>	Polyurethane (TPU)
<b>Packaging</b>	Premium Plastic Packing
<b>Color</b>	Lemon Yellow (Other Colour Available Upon Request)

## UHF PERFORMANCE

<b>Standard Protocol</b>	EPC Class 1 Gen2 (ISO18000-6C)
<b>Working Frequency</b>	860-960 MHz (ETSI), 902-928 MHz (FCC)
<b>Reader Range with Fixed Reader</b>	UPTO 6m (READER DEPENDENT)
<b>Reader Range with Handheld Reader</b>	UPTO 4m (READER DEPENDENT)
<b>Chip Type</b>	Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Data Retention</b>	10 Years
<b>Read-Write Cycle</b>	Up to 100000

## RFID ANIMAL TAG DIMENSION



## ENVIRONMENTAL SPECIFICATION

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>IP Rating</b>	IP 67
<b>Chemical Resistance</b>	Resistant to Chemical Solvent & Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Tagging Method</b>	Sterilized Metal Pin Using Applicator

## PERSONALIZATION

<b>Pre-Encoding</b>	Text, Numbers, Barcode, Etc.
<b>Customized Printed</b>	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.FLP.BL (Blank)
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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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