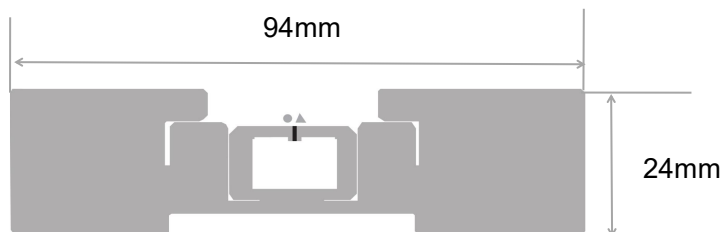




Datasheet

IDU9424

1.Dry Inlay



2.Technical Parameters

Item Name		Descriptions		Remark
Manufacturer/Chip		NXP UCODE 9	NXP UCODE 9xe	
Memory	EPC	96 bits	128 bits	Read&Write
	TID	96 bits		Read
	User	0 bit		
	Password	32-bit kill password		
Antenna Programming		Aluminum etching Al(9μm)+PET(50μm)		
Antenna Size		94*24mm		dry inlay
Label Size		98*27mm or customized		wet inlay/white label
Surface Material	wet inlay	PET		
	white label	coated paper, PET, synthetic paper, etc.		coated paper>80%
Compliant Standard		ISO/IEC 18000-6C, EPC Class1 Gen2		
Frequency		860-960MHz		
Read Range		1-25m, decided by device		
Work Mode		passive		
Chip Life		write 100,000 times, save data for 10 years		
Chip ESD Protection		2000V		human body model (HBM)

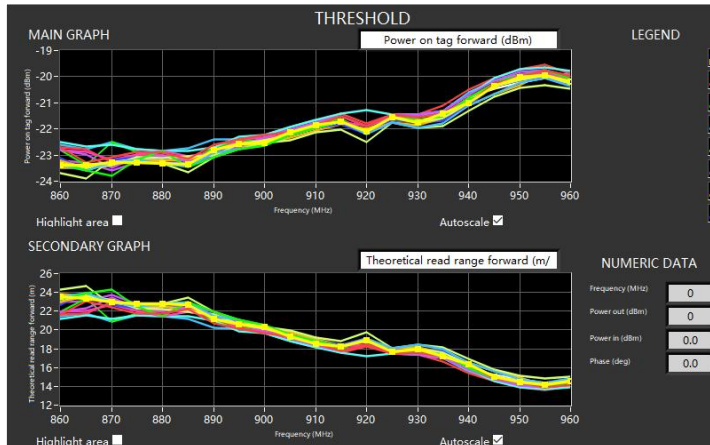
Shenzhen IDRfid Technology Co., Ltd.

Website: www.idrfidtech.com

Email: mary@idrfid.cn



3.Tagformance Graph



4.Warnings

4.1. When transporting and using, avoid contacting with water; no violent impact, no squeezing and no bending on the chip area.

4.2. Temperature and Humidity

Operating temperature/humidity: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}/20\% \sim 90\% \text{ RH}$.

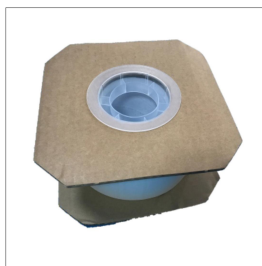
Storage temperature/humidity: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}/20\% \sim 90\% \text{ RH}$ (non-condensing).

Suggested storage temperature/humidity: $20^{\circ}\text{C} \sim 30^{\circ}\text{C}/50\%$.

5.Packing

5.1. Shipment method: in roll, electrostatic bag+carton

5.2. Shipment quantity: 2000pcs/roll, 8 rolls per carton



①



②



③



④

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