

香港商永道無線射頻標籤有限公司台灣分公司 Arizon RFID Technology(Hong Kong)Co.,Ltd.,Taiwan Branch.



Arizon RFID Technology, 100% owned by YFY Group, is a leading company to provide first-class manufacturing services of inlays /tags / tickets and cards for worldwide RFID industry. By 2012 Arizon has produced and delivered more than 1 billion inlays /tags and the number is 10 billion pcs by Apr. of 2019, all products conform to highest quality standards in HF and UHF technology for its valuable customers.

Arizon has established inlay/label monthly capacity up to 300 million pieces by 2018, and will continue its strong investments to further boost its monthly production capacity for satisfying the market's fast growing needs.

Overview

Operating Frequency 860MHz-960MHz

Integrated Circuit(IC) Impinj Monza R6

Antenna Size

35x18mm

1.37x0.7inch

Protocol EPC Class1 Gen2 ISO/IEC 18000-6C

Application Areas Brand Protection Industry/Retail/Microwave Tag Supply Chain Management

Electrical Characteristics

Antenna	AZ-M69				
Base Material	PET				
IC	Impinj Monza	R6	R6-A	R6-P	S6-C
Memory	EPC:	96Bits	96Bits	128(96)Bits	96Bits
	User:	OBits	OBits	32(64)Bits	32Bits
	TID:	48Bits	48Bits	48Bits	48Bits
	Unique TID:	48Bits	48Bits	48Bits	48Bits
	Access Password:	OBits	32Bits	32Bits	32Bits
	Kill Password:	OBits	32Bits	32Bits	32Bits
IC Life	100,000 Programming cycles				
	50 years data retention				
Operating Mode	Passive				
Frequency	860 ~ 960MHz				
Standards	ISO 9001:2008				
	ISO 14001:2004				
	OHSAS 18001:2007				

Web site: www.arizonrfid.com

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Frequency Sweep



Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

Radiation Patterns

Angular Sensitivity (dBm); Power step 0.1dB; Angle step 10°



)Relative Read Range vs.Orientation(

Antenna

Inlay is rotated in the x,y axis,fixed in z axis)Tag shown at 0° with respect to face of antenna(



Arizon RFID Testing Center:

RFID UHF Band: 800-1000MHz; Shielding effectiveness: > 100 dB; Background noise: < -75 dB Compatible to

the following international standard:

EPC Global Class1 Gen2; ISO 18000-6C; GS1 TIPP (Tagged Item Performance Protocol)