

## Functional

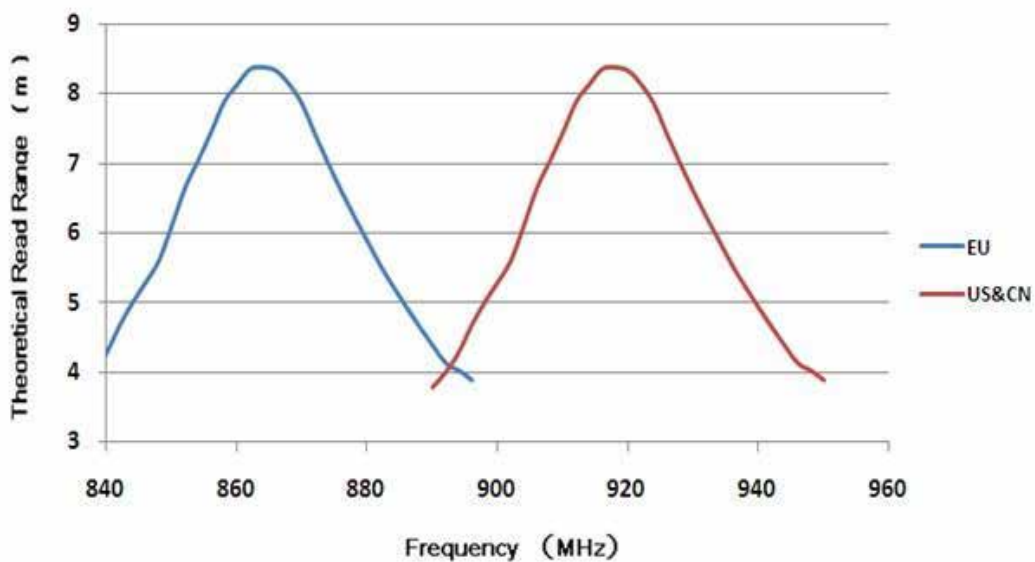
RF air interface protocol	EPC Class 1 Gen 2; ISO18000-6C
IC type	Alien Higgs-3
Memory configuration	96-EPC bits; 512-bit user memory
Data retention	10 years
Functionality	Read / write (user programmed)
Theoretical read / write cycles	100,000 cycles at 77°F (25°C)
Read rate	30 tags/second for 96-EPC bit number
Warranty (limited)	1 year

## Applications:



### Electric performance

Read range on-metal	Up to 7.5 m / 24.6ft
Read range off-metal	Up to 7.5 m / 24.6ft
Application Environment	On Metal / Off Metal
Polarization	Linear
<b>Operating frequency</b>	
UHF 866-868 MHz (EU)	UHF 920-925 MHz (CN)
	UHF 902-928 MHz (US)



### Environmental and Industry Compliance

FSTC Compliance	FSTC-compliant
	RoHS (EU version), CE (EU version)

### Physical

Weight	0.5 g
Colour	Default White, customized colors available
Mounting System	Super adhesive
Protection class	IP54

## Dimensions



Dimensions 65 \* 5 \* 1 mm (2.559" \* 0.197" \* 0.04")

## Environment

### Operating Temperature(°C & °F)

Dry Heat	85 °C (185 °F)
Cold	-30 °C (-22 °F)

### Application Temperature(°C & °F)

Dry Heat	85 °C (185 °F)
Cold	-30 °C (-22 °F)

### Humidity

Operational Humidity	5% - 95 % non-condensing
Storage Humidity	5% - 95% non-condensing

## Recommended Installation

