



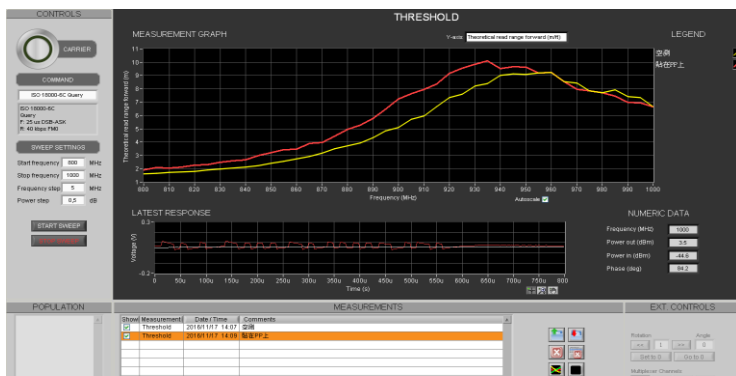
LampTag Datasheet



- Passive Ultra High Frequency
- Operating Frequency: 902~928 MHz
- Supported Protocol: ISO 18000-6C Class 1 Gen 2

Tag Inspection

Theoretical read range forward



Tag Specifications

RF Air Protocol ISO 18000-6C Class 1 Gen 2

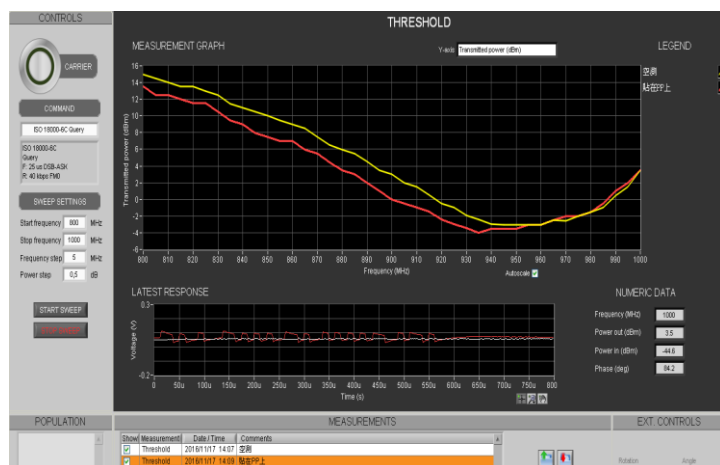
Operating Frequency UHF 866-868 MHz (EU)
UHF 902-928 MHz (US)
UHF 920-925 MHz (CN)

Environment Compatibility On Car Lamp

Read Range ON metal (2W ERP)* NA

Read Range OFF metal (2W ERP)* Up 8 to 9.2 m

Transmitted Power



Polarization Linear

IC Type Alien Higgs 3

Memory Configuration EPC 128 bit
TID 48 bit
User 512 bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.



Tag Inspection



Customization Options

Encoding

Pre-encoding based on customers' specification, including EPC, User memory and other requests

Appearance

Customized appearance design, including color, logo, barcode, text etc.

Dimension

The product dimension can be customized, check with JYI representative for more info.

Mechanical Specifications

Tag Materials

Surface Materials	PI + Cu Etched
Dimensions (mm)	93*12*0.27 mm
Dimensions (in)	

Attachment	3M adhesive
Color	N/A

Environmental Specifications

Operating Temperature	-30°C to +100°C -22°F to +211°F
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Ambient Temperature	-30°C to +100°C -22°F to +211°F
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IP Classification	IP65
Shock and Vibration	MIL STD 810-F

Certifications	CE approved RoHS approved
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Warranty	1 year
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Order Information

Product #	1-001-0030003
Product Name	Car Lamp Tag



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