

**OPP IOT**  
*Craftsman's Spirit*

Discover, Connect

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Discover, Connect



## About us

OPPIOT is one of the major manufacturers and suppliers of RFID industrial tags in China. Possessing a full set of RFID manufacturing equipment and a high professional and creative RFID R&D team, OPPIOT has strong independent development ability in UHF field. We stick to the principle of "Independent research and development, Independent innovation, Independent production", provide customers all over the world with high-performance, high-reliable customized and practical RFID Tag solutions. Our company has passed the ISO9001 quality management system certification and ISO14001 environmental management system certification, all products have also passed RoHs, Reach, CE and ATEX certifications etc.

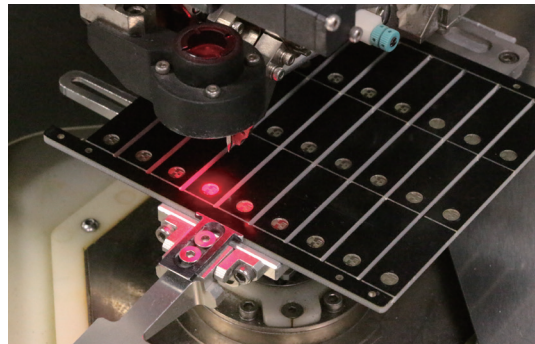
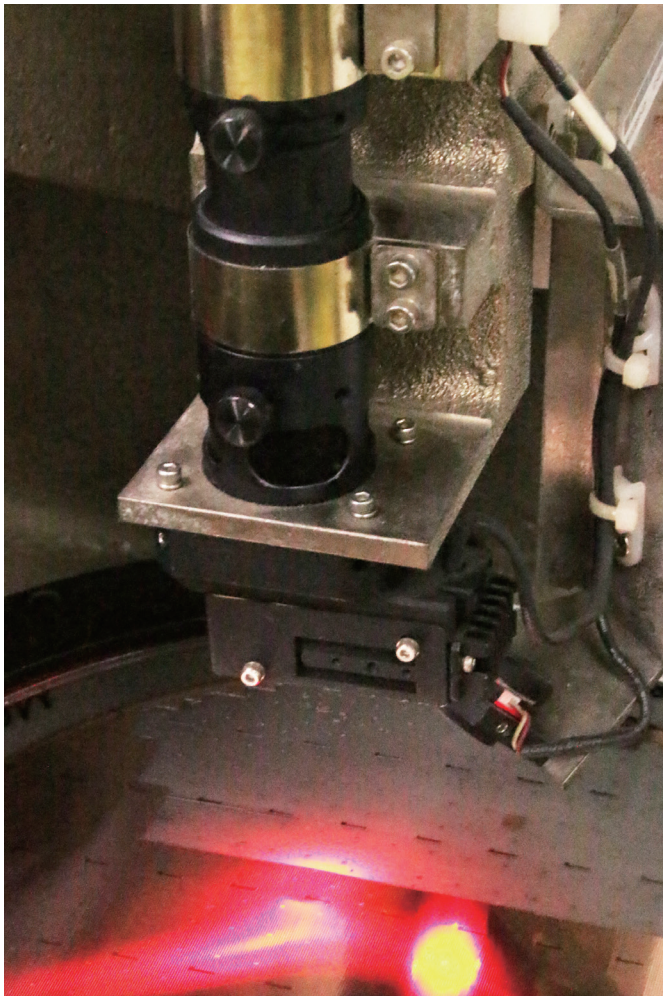
OPPIOT focuses on RFID customized tag solutions, service covering power equipment management, railway management, automobile manufacturing management, medical sterilization management, oil&gas management, semiconductor management, retail management etc.

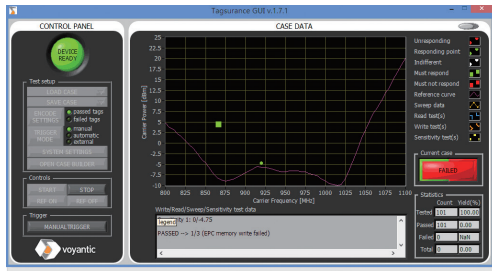
Since establishment in 2013, OPPIOT always puts customers' demands first and strives to realize the corporate vision of creating value for customers, keeps developing and innovating in RFID field. So far we have obtained several related patents because of our outstanding achievements in R&D and customization service.



## Our Equipments

We have production line for RFID tags with bringing in advanced full set of equipments of bonding, sealing and testing. We offer customization service for customers in different industries both from domestic and abroad. We're committed to reinforcing our core competency in research and development, striving for excellence and mutual development.



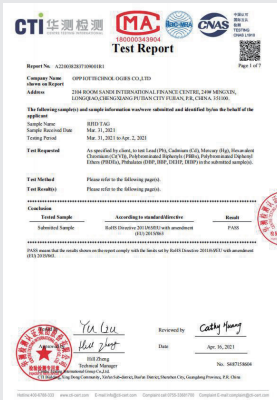


## Our Quality

Quality is the foundation of a company's development. All of our products have been strictly tested by Voyantic's equipment to make sure the consistency of each batch of products until delivery.



CE



RoHS



Reach



ISO14001: 2015



ISO9001: 2015

## Ex Certifications

1. OPPIOT has been certified to ISO9001 Quality Management System and ISO14001 Environmental Management standards.
2. Our products have passed RoHS, Reach, and ATEX Certifications.



## Customization Service

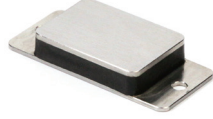
OEM/ODM customization workflow:

1. Customer requirement
2. Feasibility evaluation
3. Cost estimation
4. Antenna design (customer confirmation required)
5. Mould design (customer confirmation required)
6. Mould production according to the drawing
7. Sample trial production
8. Testing
9. Mass production
10. Delivery

OPPIOT has been engaged in RFID field for more than 10 years. We have extensive experience and professional knowledge on RFID tags designing and can provide fast customization service. We've been working with a number of major companies worldwide and have offered numerous solutions to customers from different industries. We offer better service with more professional attitude to meet your greater demands.



**DevilM18**  
260°C High Temperature Screw RFID Tag



**Devil5600**  
260°C High Temperature RFID Tag



**DevilD30-1**



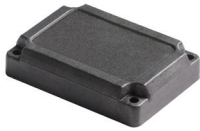
**DevilD30-2**

260°C High Temperature Embedded RFID Tag

RFID Protocol: EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
DevilM18	Diameter 18, Height 11	304 Stainless Steel	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	0.9m	0.8m	0.35m	0.35m	-40°C to +150°C	13.5
Devil5600	56x25x9.5	304 Stainless Steel	Screw, Weld	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	9.0m	8.8m	5.5m	5.3m	-40°C to +150°C	41
DevilD30	Diameter 30, Height 11 (or 44x34x11)	304 Stainless Steel	Screw, Weld, Embedded	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), User 512bits, TID 64bits	Metal Surface	3.5m	3.5m	2.6m	2.6m	-40°C to +150°C	33.2, 37.1

\*Other sizes are customizable.



**Devil3001**  
260°C High Temperature and Acid Alkali Resistant Tag



**Devil4015**  
260°C High Temperature RFID Tag



**Devil6000**  
260°C High Temperature Resistant RFID Tag

RFID Protocol: EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
Devil3001	41x29x10	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits, TID 96bits	Metal Surface	6.5m	6m	3.5m	3m	-40°C to +200°C	15
Devil4015	40x15x10	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits, TID 96bits	Metal Surface	6m	6m	3m	3m	-40°C to +150°C	7.2
Devil6000	62x29x12	PEEK	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	13m	12m	7.5m	7m	-40°C to +150°C	26

\*Other sizes are customizable.



**OPP087**  
Small Size, Long Range On-metal RFID Tag



**OPP089**  
UHF On-metal Tag with Metal Hole



**OPP130**  
Long Range On-metal RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP087	87x24x11	PC	Adhesive, Screw	840MHz to 940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	9.8m	9.8m	6m	6m	-30°C~70°C	19
OPP089	89x25x10.5	PC	Adhesive, Screw, Binding	840MHz to 940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	12m	10m	6m	5m	-30°C~70°C	22
OPP130	130x42x10.5	PC	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, Alien Higgs-9	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	30m	28m	22m	22m	-30°C~80°C	45

\*Other sizes are customizable.



**OPP069**  
RFID Hard Tag



**OPP105**  
RFID Hard Tag



**OPP105Dual**  
Dual Frequency On-metal RFID Tag(HF+UHF)

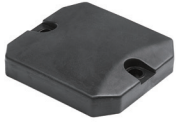


**OPP105M**  
Super Magnetic RFID On-metal Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP069	69x23x7	ABS+PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits , TID 96bits	Metal Surface	11m	10m	5.5m	5m	-25°C~85°C	10.8
OPP105	105x30x7.5	ABS+PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits , TID 96bits	Metal Surface	19m	20m	7m	7.5m	-25°C~85°C	26
OPP105Dual	105x30x7.5	ABS+PC	Adhesive, Screw, Binding	(US) 902-928MHz, (EU) 865-868MHz	EM4423	7 bytes UID(NFC), 96 bits TID (EPC); 1920bits USER data (NFC), 160bits USER data (EPC); 128 bits EPC	Metal Surface	5m	4m	1.5m	1.3m	-25°C~85°C	27
OPP105M	105x30x7.5	ABS+PC	Magnet	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits , TID 96bits	Metal Surface	11m	10m	5.5m	5m	-25°C~70°C	30

\*Other sizes are customizable.



OPP510  
Durable RFID Tag



Heavy120  
10 Years On-metal RFID Tag

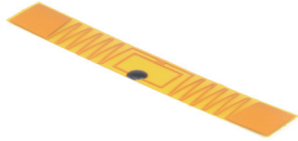


OPP4601  
Concrete Embedded RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP510	51x47x10	Engineering plastics	Adhesive, Screw, Rivet	840~940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Metal Surface	10m	7.5m	5m	4.5m	-40°C ~ 85°C	23.5
Heavy120	120x30x10	PC	Adhesive, Screw, binding	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128bits, TID 96bits	Metal Surface	9.5m	9.3m	6m	5.8m	-25°C ~ 105°C	46
OPP4601	46.5x31.5x7.5	PPS	Embedded in concrete	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, (Monza M4QT, Monza R6, UCODE 7XM+ etc.)	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	6.5m	6.6m	4.4m	4.6m	-25°C ~ 100°C	22

OPP4601 \*Other sizes are customizable.  
Reading range when embedded 5cm depth in concrete:Read Range2.0m (US ,EU)  
Reading range when embedded 10cm depth in concrete:Read Range1.9m (US ,EU)



OPP7111  
High Temperature UHF FPC Inlay



OPP9018  
UHF Flexible RFID Tag



OPP9018M  
UHF Flexible On-metal RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP7111	71x11x0.13	FPC	Adhesive	840~960MHz	Alien Higgs-3, UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	9m	9m	5m	5m	-40°C~ 100°C	0.3
OPP9018	90x18x4	TPU	Binding	840~960MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	9m	9m	5m	5m	-40°C~ 100°C	8
OPP9018M	90x18x4	TPU	Binding	840~960MHz	Impinj Monza R6	EPC 96bits, TID 96bits	Metal Surface	1.5m	1.5m	1m	1m	-40°C~ 100°C	8

\*Other sizes are customizable.





PCB13060  
Nameplate RFID Tag



OPP3200  
Rubber Pressure Resistant Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCB13060	130x60x3.9	PCB	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC128bits, TID 96bits	Metal Surface	21m	15m	9m	7m	-40°C~100°C	61
OPP3200	320x125x30.5	Rubber	Screw	840 ~ 940MHz	Impinj Monza R6-P	EPC 128bits, USER 32bits, TID 96bits	Floor	6.5m	3.2m	3m	1.5m	-40°C~85°C	1018

\*Other sizes are customizable.



PCB7525  
UHF On-metal Tag with Metal Holes



PCB4529  
RFID Keyfob Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCB7525	75x25x3	PCB	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC128bits, TID 96bits	Metal Surface	10m	10.3m	6.3m	6.6m	-40°C~100°C	6
PCB4529	45x29x1.5	PCB	Adhesive, Metal ring	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC128bits, TID 96bits	Non-Metal Surface	3m	2.2m	2m	1.3m	-40°C~100°C	3

\*Other sizes are customizable.



OPP4215  
High Temperature On-Metal RFID Tag



OPP2019  
High Temperature On-Metal RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP4215	42x15x2.8	Industrial High Temperature Material	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-4, UCODE8	EPC 128bits, USER 128bits, TID 64bits	Metal Surface	4.8m	5m	2.7m	2.9m	-40°C~150°C	3.5
OPP2019	Diameter20	Industrial High Temperature Material	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-4, UCODE8	EPC 128bits, USER 128bits, TID 64bits	Metal Surface	2.5m	2.7m	1.2m	1.4m	-40°C~150°C	1.75

\*Other sizes are customizable.



**PCB4921**  
HF Metal Tag

Frequency: 13.56Mhz, RFID Protocol: ISO15693

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range		Operating Temperature	Weight (g)
								Metal Surface	Non Metal Surfaces		
PCB4921	49x21x3	FR4 (PCB)	Adhesive, Screw	13.56MHz	NXP ICODE SLIX	Total 1024Bits,32Blocks, 32 bits per Block, UID 64bits	Metal / Non-Metal Surface	8cm	5cm	-40°C~100°C	6.5

\*Other sizes are customizable.



**OPP6020L**  
LED RFID Tag



**OPP6020LM**  
LED On-Metal Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPP6020L	60x20x1	PCB	Adhesive	(US) 902-928MHz, (EU) 865-868MHz	XBL2005-KX	EPC 128bits USER 1312bits, TID 96bits	Non-Metal Surface	11m	11m	5m	5m	-20°C~80°C	2.5
OPP6020LM	60x20x3	PCB	Adhesive	(US) 902-928MHz, (EU) 865-868MHz	XBL2005-KX	EPC 128bits USER 1312bits, TID 96bits	Metal Surface	7m	5.6m	4m	3m	-20°C~80°C	7.5

\*Other sizes are customizable.



**OPPD721**  
UHF Nail Tag



**OPPM16**  
RFID Screw Tag



**OPP2626**  
Anti Acid Alkali On-Metal RFID Tag

RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Material	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
OPPD721	Diameter:7, Height: 21	PC		(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Non-Metal Surface	30cm	30cm	10cm	10cm	-20°C~80°C	1
OPPM16	M16 Screw	304 Steel	Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2m	2m	1.2m	1.2m	-40°C~100°C	50
OPP2626	26x26x5.5	PPS Outer Casing, PCB Antenna	Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 (Other chips are customizable)	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	2.6m	2.5m	1.9m	1.5m	-40°C~100°C	6.6

\*Other sizes are customizable.

# Ceramic RFID Tag

RFID Protocol: EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Picture	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
CER0404	4x4x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	80cm	80cm	40cm	40cm	-40°C~100°C	0.3
CER0505	5x5x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	100cm	100cm	60cm	60cm	-40°C~100°C	0.8
CER525	5.0x2.5x2		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	30cm	30cm	20cm	20cm	-40°C~100°C	0.3
CER0602	6x2x2		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	30cm	30cm	20cm	20cm	-40°C~100°C	0.3
CER1001	10x1.8x1.8		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	70cm	70cm	40cm	40cm	-40°C~100°C	0.5
CER1002	10x2.5x2.5		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	100cm	100cm	65cm	65cm	-40°C~100°C	0.8
CER1005	10x5x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	200cm	200cm	100cm	100cm	-40°C~100°C	1.4
CER1207	12x7x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	230cm	230cm	130cm	130cm	-40°C~100°C	1.6
CER1309	13x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	400cm	400cm	220cm	220cm	-40°C~100°C	1.8
CER1909	19x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	300cm	300cm	150cm	150cm	-40°C~100°C	3.2
CER2117	21x17x2.25		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	400cm	400cm	330cm	330cm	-40°C~100°C	4.2
CER2509	25x9x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	420cm	420cm	290cm	290cm	-40°C~100°C	3.8
CER2525	25x25x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	650cm	650cm	460cm	460cm	-40°C~100°C	9.6
CER3030	30x30x3		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	800cm	800cm	500cm	500cm	-40°C~100°C	13.8
CERD10	10x9.35x1.5		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	200cm	200cm	120cm	120cm	-40°C~100°C	1.0
CERD16	Diameter 16.0xT2.0		Adhesive	(US) 902-928MHz, (EU) 866-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits, USER 512bits, TID 64bits	Metal Surface	250cm	250cm	180cm	180cm	-40°C~100°C	2.2

\*Other sizes are customizable.

## PCB UHF On-Metal Tag












RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Picture	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCBD5	Diameter 5xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	100cm	90cm	60cm	55cm	-40°C~100°C	0.5
PCB060302	6x3xT3.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	85cm	80cm	50cm	45cm	-40°C~100°C	0.5
PCB0603	6x3xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	90cm	80cm	50cm	45cm	-40°C~100°C	0.5
PCBD6	Diameter 6xT4.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	85cm	75cm	45cm	45cm	-40°C~100°C	0.5
PCB0606	6x6xT4.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	110cm	110cm	80cm	80cm	-40°C~100°C	0.5
PCB0803	8x3xT3.0		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	110cm	120cm	70cm	85cm	-40°C~100°C	0.5
PCB1004	10x4xT3.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	135cm	135cm	90cm	75cm	-40°C~100°C	0.5
PCBD10	Diameter 10xT3.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	150cm	130cm	100cm	95cm	-40°C~100°C	0.6
PCB120401	12x4xT1.5		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128 bits, TID 96 bits	Metal Surface	150cm	150cm	60cm	60cm	-40°C~100°C	0.2
PCB120403	12x4xT4		Adhesive	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128 bits, TID 96 bits	Metal Surface	240cm	240cm	90cm	90cm	-40°C~100°C	0.3
PCB1307	13x7xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	250cm	240cm	150cm	140cm	-40°C~100°C	0.7
PCBD13	Diameter 13xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	150cm	130cm	110cm	90cm	-40°C~100°C	0.7
PCBD16	Diameter 16xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	260cm	240cm	160cm	150cm	-40°C~100°C	1.5
PCB1504	15x4xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	210cm	220cm	130cm	150cm	-40°C~100°C	0.7
PCB1806	18x6xT4.0		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	260cm	250cm	200cm	180cm	-40°C~100°C	1.2

\*Other sizes are customizable.

## PCB UHF On-Metal Tag

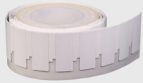

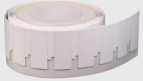
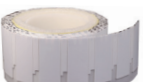






RFID Protocol:EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Photo	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
PCB2208	22x8xT3.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	450cm	470cm	260cm	300cm	-40°C~100°C	1.5
PCBD20	Diameter 20xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	320cm	280cm	240cm	230cm	-40°C~100°C	1.9
PCB2510	25x10xT2.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	325cm	300cm	250cm	240cm	-40°C~100°C	1.5
PCB3005	30x5xT2.8		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	310cm	280cm	210cm	200cm	-40°C~100°C	0.8
PCB3310	33x10xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	420cm	350cm	280cm	250cm	-40°C~100°C	3
PCB3613	36x13xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	470cm	450cm	270cm	250cm	-40°C~100°C	4.2
PCB4010	40x10xT2.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	450cm	420cm	300cm	280cm	-40°C~100°C	2.2
PCBD40	Diameter 40xT3.0		Adhesive,	(US) 902-928MHz, (EU) 865-868MHz	IMPINJ R6-P	EPC128 bits, USER 64 bits, TID 96bits	Metal Surface	680cm	650cm	350cm	350cm	-40°C~100°C	8.2
PCB5010	50x10xT1.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	280cm	250cm	190cm	170cm	-40°C~100°C	1.5
PCB5213	52x13xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Impinj Monza 4QT OR NXP UCODE8	EPC 128 bits, USER 512 bits, TID 96 bits	Metal Surface	530cm	520cm	280cm	270cm	-40°C~100°C	5.5
PCB6020	60x20xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	NXP UCODE8	EPC 128 bits, TID 96 bits	Metal Surface	900cm	900cm	550cm	550cm	-40°C~100°C	8.5
PCB7020	70x20xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1000cm	1030cm	630cm	660cm	-40°C~100°C	11
PCB8008	80x8xT3.5		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	650cm	590cm	340cm	310cm	-40°C~100°C	5
PCB8020	80x20xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	900cm	900cm	500cm	500cm	-40°C~100°C	12
PCB9020	90x20xT3.7		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3 OR NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	1080cm	1050cm	650cm	630cm	-40°C~100°C	12
PCB9525	95x25xT3.6		Adhesive, Screw	(US) 902-928MHz, (EU) 865-868MHz	Alien Higgs-3, Impinj M4QT, NXP UCODE8	EPC 96bits (up to 480bits), USER 512bits, TID 64bits	Metal Surface	950cm	950cm	580cm	580cm	-40°C~100°C	18

\*Other sizes are customizable.

## UHF Printable On-metal Label

RFID Protocol: EPC Class1 Gen2, ISO18000-6C

Model	Size(mm)	Picture	Mounting Methods	Frequency	IC Type	Memory	Applicable Surface	Read Range (Fixed Reader)		Read Range (Handheld)		Operating Temperature	Weight (g)
								(US) 902-928MHz	(EU) 865-868MHz	(US) 902-928MHz	(EU) 865-868MHz		
FLE6025X	60x25x1.25		Adhesive	920-925Mhz	Qstar-73GB	EPC 96bits , USER 512bits, TID160bits	Metal Surface	520cm		400cm		-35°C~ 85°C	
FLE6025X	60x25x0.8		Adhesive	920-925Mhz	Impinj Monza R6-P	TID 96 bits, User up to 32bits, EPC up to 128bits	Metal Surface	330cm		200cm		-35°C~ 85°C	
FLE6025X	60x25x1.25		Adhesive	920-925Mhz	NXP UCODE 8	TID 96bits, EPC128bits	Metal Surface	650cm		500cm		-35°C~ 85°C	
FLE6227X	62x27x1.25		Adhesive	920-925Mhz	Impinj Monza R6-P	TID 96bits, User up to 32bits, EPC up to 128bits	Metal Surface	180cm		100cm		-35°C~ 85°C	
FLE6406X	64x6x1.25		Adhesive	920-925Mhz	NXP UCODE 8	TID 96bits, EPC128bits	Metal Surface	520cm		400cm		-35°C~ 85°C	
FLE6535X	65x35x1.25		Adhesive	920-925Mhz	Impinj Monza R6-P	TID 96bits, User up to 32bits, EPC up to 128bits	Metal Surface	580cm		420cm		-35°C~ 85°C	
FLE6535X	65x35x1.25		Adhesive	920-925Mhz	UCODE 7 XM (2K)	TID 96bits, USER 2048bits, EPC 448bits	Metal Surface	520cm		400cm		-35°C~ 85°C	
FLE7050X	70x50x1.25		Adhesive	920-925Mhz	Impinj Monza R6-P	TID 96bits, User up to 32bits, EPC up to 128bits	Metal Surface	500cm		360cm		-35°C~ 85°C	
FLE7525X	75x25x2.2		Adhesive	920-925Mhz	Impinj Monza R6-P	TID 96bits, User up to 32bits, EPC up to 128bits	Metal Surface	680cm		500cm		-35°C~ 85°C	
FLE9040X	90x40x2.2		Adhesive	920-925Mhz	Impinj Monza R6	TID 96bits , EPC 96bits	Metal Surface	750cm		600cm		-35°C~ 85°C	

\*Other sizes are customizable.



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*Craftsman's Spirit*

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