

CK-A5C

High-Gain UHF RFID Antenna System



The CK-A5C UHF RFID Antenna delivers professional-grade performance with >5dBi gain and ultra-low 1.4:1 VSWR across 840-960MHz spectrum. Engineered with military-grade PCB materials and IP65 aluminum housing, it ensures stable RFID tag reading in temperature extremes (-20°C~60°C) for warehouse automation, smart logistics, and industrial IoT deployments.

- 5m+ Read Range with Adaptive Beamwidth
- RFID technology 840~960MHz optional, support protocol extension
- Military-Grade IP65 Metalized PCB

● Specification

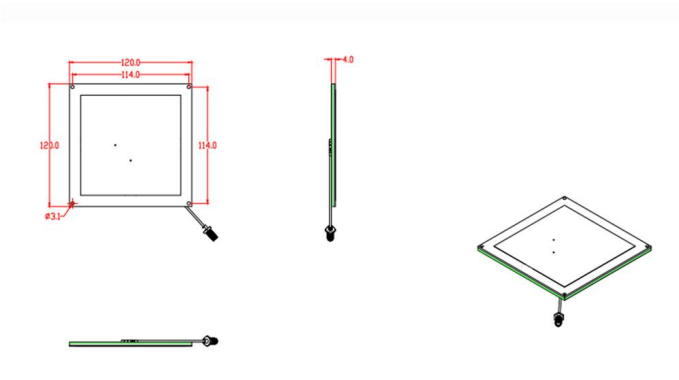
Model	CK-A5C
 RF SPECIFICATION	
Identification Method	UHF
C	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-8m adjustable
Polarization Type	linear polarization
Peak Gain @915MHz	5dBi
Axial Ratio	<3dB
H-plane HPBW	105°
E-plane HPBW	90°
VSWR	≤1.4:1
Impedance	50Ω
Connector Type	SMA-KF
Size	120*120*8mm
Weight	300g
 BASIC SPECIFICATION	
Material	ABS+Aluminum 6061
Working Humidity	10%RH~90%RH
Operat Temperature	-40°C~+85°C
IP Rating	IP65

- **Related Model**

- **Common Solution**

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- **Dimension**



Unit : mm (inch)
Weight. : about 300g

- **Accessory**

No.	item	units	quantity
1	power supply	pcs	1
2	fixed bracket	pcs	1



RFID IoT Application



Need Advice



Subscribee

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