

CYKEO-A5C

High-Gain UHF RFID Antenna System



The CYKEO-A5C UHF RFID Antenna delivers professional-grade performance with $>5\text{dBi}$ 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

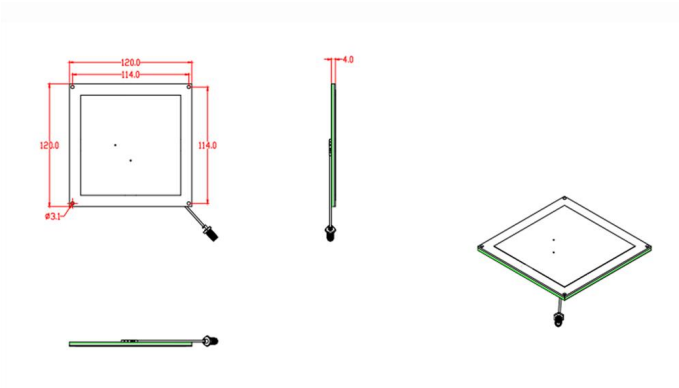
Model	CYKEO-A5C
RF SPECIFICATION	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-8m adjustable
Polarization Type	Circular polarization
Peak Gain @915MHz	5dBi
Axial Ratio	<3dB
H-plane HPBW	105°
E-plane HPBW	90°
VSWR	≤1.4:1
Impedance	50 Ω
Connector Type	SMA-KF
Size	120*120*4mm
Weight	300g
BASIC SPECIFICATION	
Material	PCB
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



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Headquarters

Cykeo Information Technology CO., LTD.
16th floor, Building B2, Yunzhi Science Park, Guangming District,
Shenzhen 518107, China

Factory

Shenzhen, Dongguang, Hefei

Subsidiary

Hefei Jianshen InformationTechnology Co.,
LTD.
Cykeo Information Technology(Shandong) Co., LTD.
Cykeo Information Technology(Chengdu) Co., LTD.
Cykeo Core Information Technology (Shanghai) Co., LTD.