

CK-A9A

UHF RFID HIGH-GAIN ANTENNA



The CK-A9A UHF RFID High-Gain Antenna is engineered for enterprise-grade RFID applications requiring extended coverage and reliability. Featuring circular polarization, a wide 840-960MHz frequency range, and ultra-low VSWR (≤ 1.4), it delivers unmatched performance in high-density RFID environments.

- The 9 dBi antenna can reach up to 15 meters
- RFID technology 840~960MHz optional, support protocol extension
- Military-Grade ABS+Aluminum Housing
- With free DEMO, SDK, open API, to meet the customer's various environment function development

- Specification

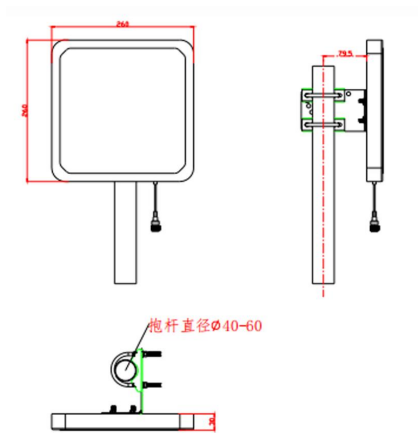
Model	CK-A9
 RF SPECIFICATION	
Identification Method	UHF
C	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-10m adjustable
Polarization Type	Circular
Peak Gain @915MHz	9.2dBi
Axial Ratio	<3dB
H-plane HPBW	70°±2°
E-plane HPBW	60°±2°
VSWR	≤1.4:1
Impedance	50Ω
Connector Type	SMA
Size	260*260*30MM
Weight	1.1kg
 BASIC SPECIFICATION	
Material	ABS+Aluminum 6061
Working Humidity	10%RH~90%RH
Operat Temperature	-20-60℃
IP Rating	IP65

- **Related Model**

- **Common Solution**

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

- **Dimension**



Unit : mm (inch)
Weight. : about 1.1kg

- **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.