

CK-A9B

HIGH-GAIN UHF RFID ANTENNA



The CK-A9B 9dBi UHF RFID Antenna delivers professional-grade circular polarization for stable tag identification across 840-960MHz. Engineered with 80° horizontal beamwidth and <1.5 VSWR, it excels in warehouse inventory drones, retail smart shelves, and automated production line monitoring. The IP65-rated construction withstands extreme temperatures (-20°C~60°C) while maintaining peak RFID performance.

- 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

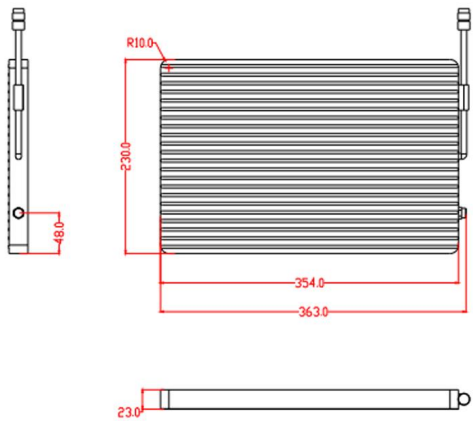
Model	CK-A9B
 RF SPECIFICATION	
Identification Method	UHF
C	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-10m adjustable
Polarization Type	Circular
Peak Gain @915MHz	9.2dBi
Axial Ratio	<3dB
H-plane HPBW	80°
E-plane HPBW	40°
VSWR	≤1.5:1
Impedance	50Ω
Connector Type	SMA
Size	354*229*20MM
Weight	1.14kg
 BASIC SPECIFICATION	
Material	ABS+Aluminum
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
1.14kg

- **Accessory**

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



RFID IoT Application



Need Advice



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