

CK-A8A

INDUSTRIAL UHF RFID ANTENNA



The CK-A8A Industrial UHF RFID Antenna delivers superior 860-960MHz performance with circular polarization technology, ensuring reliable tag reads in complex environments. Featuring optimized H-plane and E-plane radiation patterns, it achieves 10m+ effective range with precision beam control. The ABS housing with IP65 rating withstands temperature extremes (-20°C to 60°C), making it ideal for smart warehouses, automated production lines, and outdoor asset tracking systems.

- Rugged ABS+Aluminum IP65 Design
- RFID technology 840~960MHz optional, support protocol extension
- Ultra-Low 1.3:1 VSWR for Stable Transmission
- With free DEMO, SDK, open API, to meet the customer's various environment function development

● Specification

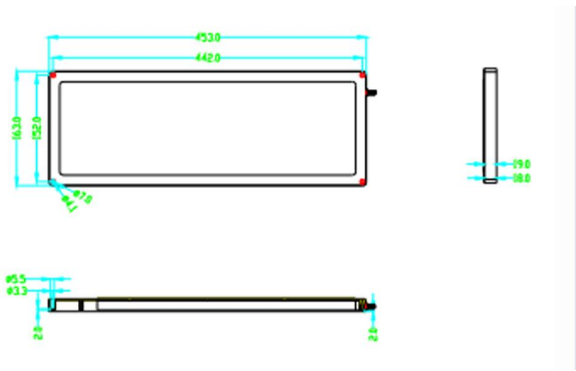
Model	CK-A8A
 RF SPECIFICATION	
Identification Method	UHF
C	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	8dBi
Axial Ratio	<3dB
H-plane HPBW	35°
E-plane HPBW	65°
VSWR	≤1.3:1
Impedance	50Ω
Connector Type	SMA
Size	453*163*20MM
Weight	700g
 BASIC SPECIFICATION	
Material	ABS+Aluminum
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 700g

- **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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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.