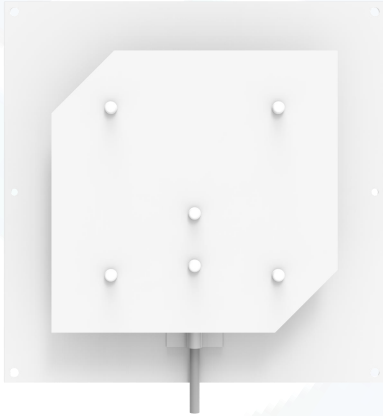


CK-C8

UHF RFID 8dBi Antenna



The CK-C8 UHF RFID Antenna delivers precision performance for industrial RFID deployments. Engineered with circular polarization and a high 8dBi gain, it ensures reliable tag detection across dynamic environments. Its robust ABS-aluminum construction withstands extreme temperatures (-40°C to +85°C) while maintaining <3dB axial ratio for minimized signal loss. Ideal for automated tool management, warehouse inventory, and smart manufacturing systems requiring stable UHF coverage.

- IP65 Rugged ABS-Aluminum Hybrid Housing
- RFID technology 840~960MHz optional, support protocol extension
- Adjustable 0-3m Read Range with 70° Beamwidth
- Ultra-Low 1.3:1 VSWR for Stable Transmission
- IP65 Ruggedized ABS-Aluminum Hybrid Design
- Cross-Platform Compatibility with Zebra/Impinj/Alien Readers

● Specification

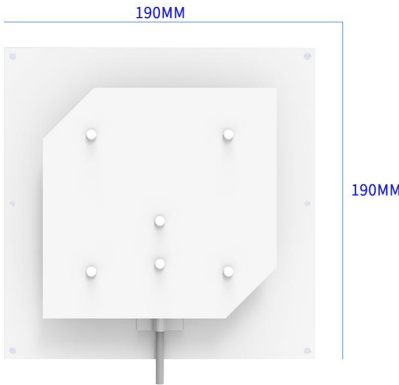
Model	CK-C8
 RF SPECIFICATION	
Identification Method	UHF
C	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Polarization Type	Circular
Peak Gain @915MHz	8dBi
Axial Ratio	<3dB
H-plane HPBW	70°±2°
E-plane HPBW	70°±2°
VSWR	≤1.3:1
Impedance	50Ω
Connector Type	TNC
Size	190mm*190mm*21mm
Weight	850g
 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 850g

- **Accessory**

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



RFID IoT Application



Need Advice



Subscribee

Follow us: Cykeo



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.