

## CYKEO-A8A

## INDUSTRIAL UHF RFID ANTENNA



The CYKEO-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

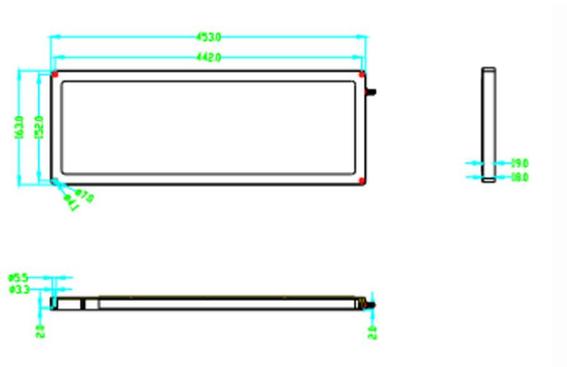
Model	CYKEO-A8A
<b>  RF SPECIFICATION</b>	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	8dBi
Axial Ratio	<3dB
H-plane HPBW	35°
E-plane HPBW	65°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



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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.