

## CYKEO-A6

## 6dBi Ultra-Thin RFID Panel Antenna



The CYKEO-A6 6dBi UHF RFID Antenna delivers exceptional read performance with its optimized circular polarization and <math><3\text{dB}</math> axial ratio. Engineered for demanding industrial applications, its compact 130mm design achieves

- 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

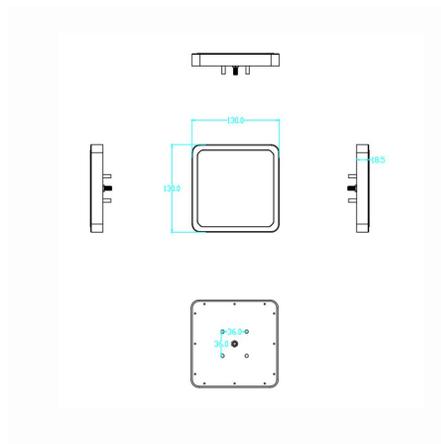
Model	CYKEO-A6
<b>  RF SPECIFICATION</b>	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-5m adjustable
Polarization Type	Circular
Peak Gain @915MHz	6dBi
Axial Ratio	<3dB
H-plane HPBW	105°
E-plane HPBW	95°
VSWR	≤1.3:1
Impedance	50 Ω
Connector Type	SMA-KF
Size	130*130*18mm
Weight	200g
<b>  BASIC SPECIFICATION</b>	
Material	ABS+Aluminum 6061
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 200g

- Accessory

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



# RFID IoT Application



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### Subsidiary

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Cykeo Information Technology(Chengdu) Co., LTD.  
Cykeo Core Information Technology (Shanghai) Co., LTD.