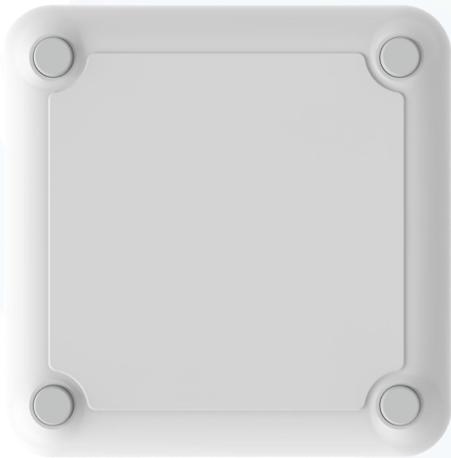


CYKEO-A9

HIGH-GAIN 9dBi UHF RFID Antenna



Engineered for UHF RFID systems requiring precision and durability, the CK-A9 antenna delivers <math><3\text{dB}</math> axial ratio across 840-960MHz with $50\ \Omega$ impedance matching. Its IP65-rated housing withstands chemical exposure in automotive plants and -40°C freezer warehouses, while the 56° vertical beamwidth optimizes overhead conveyor belt tag reading.

- 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

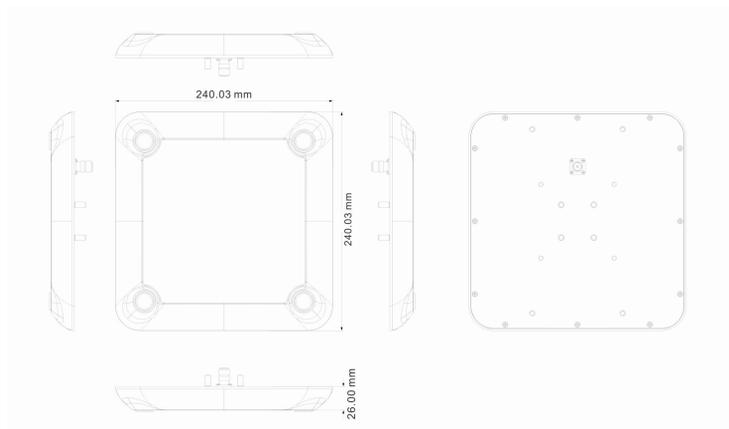
Model	CYKEO-A9
 RF SPECIFICATION	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-30 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	9.2dBi
Axial Ratio	<3dB
H-plane HPBW	62° ±2°
E-plane HPBW	56° ±2°
VSWR	≤1.3:1
Impedance	50 Ω
Connector Type	N-Type Female
Size	240×240×26mm
Weight	850g
 BASIC SPECIFICATION	
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 850g

- Accessory

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



RFID IoT Application



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