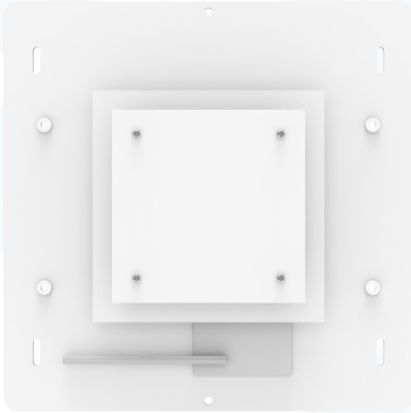


CK-A10

UHF RFID HIGH GAIN ANTENNA



The CK-A10 10.5dBi UHF RFID Antenna delivers superior RF performance for demanding industrial applications. Engineered with wide 65° horizontal beamwidth and precision-tuned 902-928MHz frequency response, it ensures stable long-range tag reading in manufacturing plants, logistics hubs, and outdoor RFID deployments.

- 10.5dBi High-Gain Circular Polarization
- RFID technology 840~960MHz optional, support protocol extension
- -40°C~55°C Extreme Temperature Tolerance
- DC Grounded Lightning Protection System

- Specification

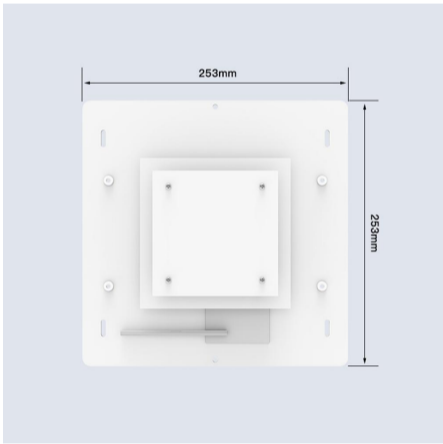
Model	CK-A10
 RF SPECIFICATION	
Identification Method	UHF
c	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	10.5dBi
Axial Ratio	≥15dB
H-plane HPBW	65±8
E-plane HPBW	55±8
VSWR	≤1.2:1
Impedance	50Ω
Connector Type	SMA-K
Size	253*253*25 mm
Weight	250g
 BASIC SPECIFICATION	
Material	ABS+Aluminum 6061
Working Humidity	10%RH~90%RH
Operat Temperature	-40 ~ 55 °C
IP Rating	IP 65

- **Related Model**

- **Common Solution**

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- **Dimension**



Unit : mm (inch)
Weight. : about 250g

- **Accessory**

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



RFID IoT Application



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