

CYKEO-RA12L

12dBi Antenna UHF RFID Reader Device



Applicable to warehouse logistics, library, supermarket, hospital, access control and other UHF RFID tag items read for behavioral operations. RFID tags can read distances of more than 20 meters, data connection via WiFi and mobile phones. Excellent performance, agile sensing, strong anti-interference ability, to meet the needs of various environments

- The 12 dBi antenna can reach up to 25 meters
- RFID technology 840~960MHz optional, support protocol extension
- Support RJ45 / RS232 / WiFi connection communication
- With free DEMO, SDK, open API, to meet the customer' s various environment function development

● Specification

Model	CYKEO-RA12L
 RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Frequency Band (Optional)	ETSI: 865~868MHz JP: 916.8~920.4MHz TW: 922.25~927.75MHz ID: 923.125~925.125MHz RUS: 866.6~867.4 MHz TEST: 802.75~998.75MHz JP_LBT: 916.8~920.8MHz
Antenna Gain	0-30 dbm adjustable
Read Distance	0-20m adjustable
Communication	RJ45, RS232
Function	RFID read & write, Multiple label identification (For more RFID tag features, please use Cykeo tag application software)
 BASIC SPECIFICATION	
Material	Aluminum
Power Supply	DC 5V
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	45 x 45 x 7 cm
Weight	About 5.5kg

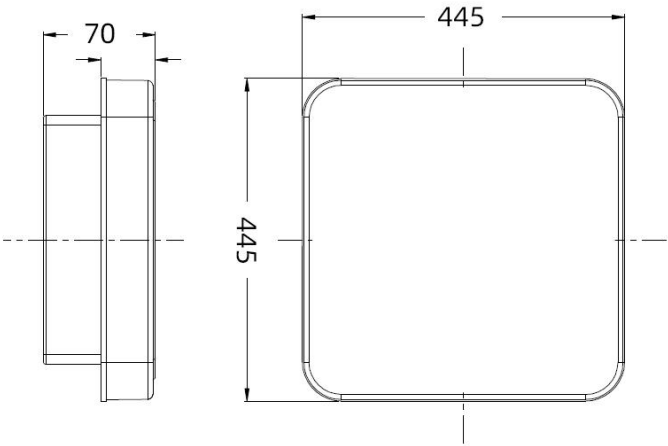
● Related Model

CYKEO-RA9L

● Common Solution

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

● Dimension



Unit : mm (inch)
Weight. : about 5.5kg

● Accessory

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



RFID IoT Application



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