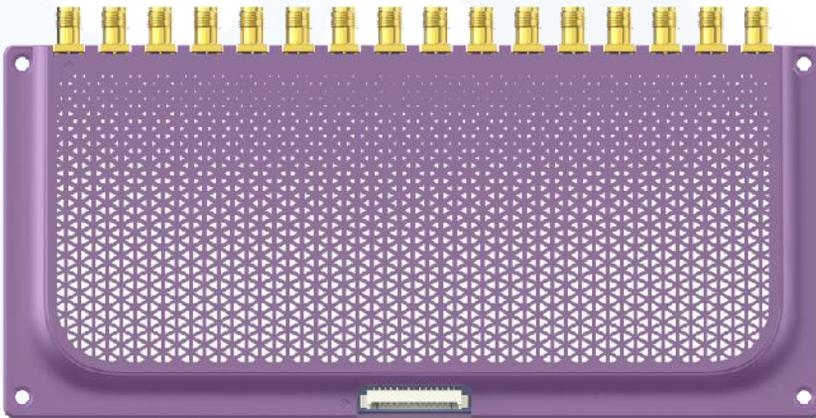# Cykeo

CYKEO-M16L   UHF 16-PORT RFID READER MODULE

Applied to RFID tag reading, unique algorithm fast multi-tag identification, support data filtering, multi-protocol expansion

- Support fast dense reading and writing, multi-label recognition,tag data filtering, support anti-collision protocol
- RFID technology 840~960MHz optional, support protocol extension
- Multi-label recognition algorithm, which can identify more than 600 pcs/s. Can work with fixed frequency or frequency hopping, adjustable output power, adjustment step :1dBz
- Full band, high power, high sensitivity, power parity, and zero configuration can achieve the best performance

Cykeo

● Specification

Model	CYKEO-M16L

| RF SPECIFICATION

Identification Method	UHF
Frequency Range	840MHz～960MHz
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C, GB/T29768-2013 (optional)
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 (Please tell our sales which band do you want before ordering)
Modulation mode	DSB-ASK, PR-ASK
RF Interface	16 MMCX
RF Interface Power	33dbm+-1dbm (Max)
R/W Capability	Read: 0-1500 cm ; Write: 0-700 cm ; 600+ pcs/s
Communication	15-PIN I/O
Function	RFID read & write, Multiple label identification, Label data filtering, Quantity statistics, RSSI perception, RF power regulation

| BASIC SPECIFICATION

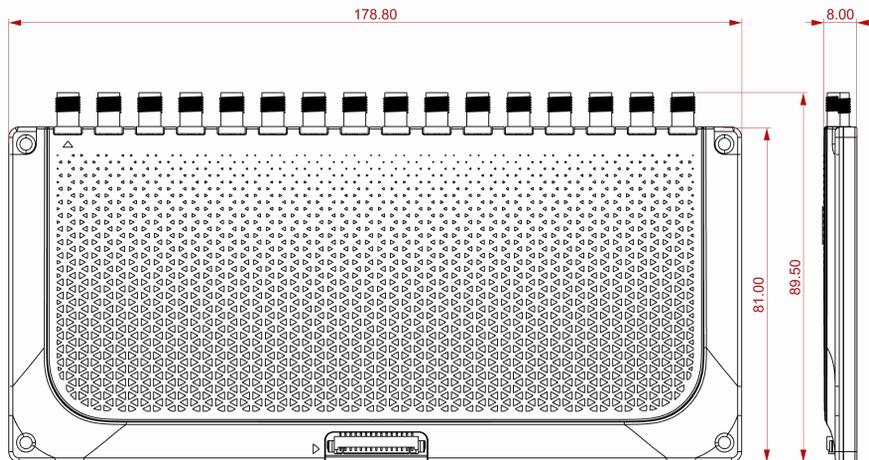|	
Material	Aluminum
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	178x81x8mm

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- **Related Model**

  CYKEO-M1,CYKEO-M8,CYKEO-M4

- **Common Solution**

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

- **Dimension**

178.80 8.00

89.50 81.00

Unit : mm
Weight. : about 38g

- **Accessory**

serial number	name	units	quantity

Cykeo

RFID IoT
Application

Need Advice   Subscribee

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Cykeo

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

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