



GZY-E916 16Ports UHF RFID Module

1. Adjustable frequency range covering 860–868 MHz and 902–928 MHz for global compatibility.
2. Adjustable output power up to 33 dBm with a peak inventory speed exceeding 700 tags/sec.
3. Supports multiple working modes including Active (Auto), Command, and Trigger modes.
4. Supports online firmware upgrades directly through the communication interface.
5. Small size and low power consumption, support 16ports SMA antenna Interface.



Warehouse



Asset Tracking



Personnel
management



Library



Logistics

SPECIFICATIONS

RFID Performance :	
RFID Frequency	865-868Mhz /902-928Mhz (Can be customized)
Air Interface Protocol	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Reader Chip	IMPINJ E710 / R2000
RF Output	0 – 30dBm (adjustable)
Reading Distance	0-10m(depends on antenna performance)
Support RSSI	Support
Inventory Tag Peak Speed	> 700 Pcs/Second
Label buffer	1000Pcs Tag @ 96 bit EPC
Working Mode	Standalone / Intensive
Communication interface	Uart 3.3V
Antenna QTY	1,2,4,8,16 Optional SMA Antenna Interface
Input/Output (GPIO)	2-way input, 2-way output (optional)
Application Software interface(SDK)	Supply API SDK and VC and VB, Java application routines
Output Power Accuracy	+/- 1dB
Input Power Accuracy	+/- 0.2dB
Receiving Sensitivity	< -85 dBm
Physical Performance :	
Dimensions	167mm(L) x86mm(W) x 6.3mm(H)
RF output interface	SMA type connector
Input Voltage	DC 4.6V~5.5V
Working current	1.2A+/-10%@5V (33dBm Output, 25°C)
Interface Connector	Molex 53261-1571
RF Connector Material	Brass Gold Plated
Shield material	Gold cast aluminum
PCB Material	Rogers FR4 plated
Wight	150g

Note: Our company may optimize products in response to market changes, and any changes will be made without prior notice, please understand!



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