

# C4-8

## 4-8CH Range UHF Reader



C4 and C8 are a high performance 4 / 8 antenna port fixed UHF RFID reader and writer. Compliant with ISO18000-6C/6B protocols.

Output power from 0 ~ 33dBm optional, with long identification distance, fast reading speed, high accurate rate, strong anti-interference ability, good protection performance and easy installation

- Impinj Indy R2000 chipset brings strong prime mover
- Split-type design supports max date collection range, helping cost saving
- Aluminum casting housing and installation-friendly I/O connector apply to industrial scenarios
- RJ45, RS232, RS485, USB communication interfaces



RFID UHF



GPIO



RS232



ETHERNET



GPIO, RS485, GND, Wiegand,

RS232

USB

RJ45

Power

# C4-8 Specifications

## Physical Characteristics

<b>Dimensions</b>	256 * 147.6 * 44mm
<b>Weight</b>	1,41Kg
<b>Material</b>	Die-cast aluminum
<b>Power Supply</b>	9-30Vdc 30W
<b>Interfaces</b>	RJ45, RS-232, RS-485, USB Host & Device
<b>GPIO</b>	4 inputs (DC 0-24V), 4 outputs (DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated

## System

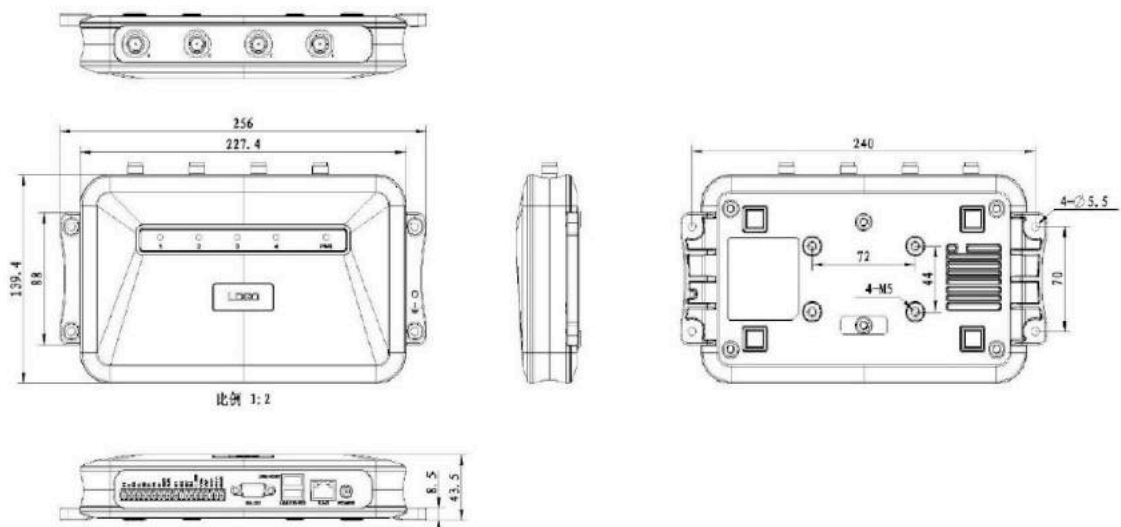
<b>Processor</b>	AMR9 400Mhz
<b>Memory</b>	Flash 128MB; DRAM 32 MB
<b>Operating System</b>	Embedded Linux 2.6
<b>API Support</b>	Windows platform - .net / C++ / Java SDK Android platform - Java Linux platform - C and Java SDK

## User Environment

<b>Operating Temp.</b>	-20°C to 70°C
<b>Storage Temp.</b>	-40°C to 85°C
<b>Humidity</b>	10%RH - 95%RH non condensing
<b>Sealing</b>	IP54 per IEC sealing specifications
<b>ESD</b>	±15KV air discharge, ±4KV conductive discharge

## RFID

<b>UHF</b>	
<b>Engine</b>	Impinj Indy R2000
<b>Protocol</b>	EPC C1 Gen2 / ISO18000-6C 865-868Mhz ETSI 920-925Mhz FCC 902-928Mhz China
<b>Frequency</b>	
<b>Output Power</b>	2 (33dBm, adjustable 1dBm Step)
<b>Output Power Precision</b>	± 1dBm
<b>Output Power Flatness</b>	± 0.2dBm
<b>RSSI</b>	Supported
<b>Ambiente Temperature Monitor</b>	Supported
<b>Antenna Port</b>	4-8 Reverse Polarity TNC ports;



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