

## Product model

YH0104

## Product introduction

4 port power-system reader YH0104, Based on Impinj R2000 read-write engine design, This reader is fully compatible with the traditional UHF RFID protocol, and support the Modbus interface protocol of power system. It has high stability, and support temperature reading, make it especially suitable for power system and other industrial fields with high requirements for system stability.



## Electricity characters-Limit parameters

Item	Power voltage	Work temperature	Storage temperature
Symbol	VCC	36	V
Numerical value	TOPR	-10 ~ +55	°C
Unit	TSTR	-20 ~ +75	°C

## Electricity characters-Specification

Item	Power voltage	Work current	Work frequency
Symbol	VCC	IC	FREQ
Minimum	8		902
Typical	9	0.5	902 ~ 928
Maximum	12	1.2	928
Unit	V	A	MHz

\*Unless otherwise indicated, specification shown from TA=25°C and VCC=+9V work conditions

## Power interface DC JACK

SN	Symbol	Description
01	DC+	Positive 9V ~ positive 36V DC power supply
02	DC-	Grounding

## TCPIP network interface RJ45

SN	Symbol	Description
01	A1	485 interface 1, phase A
02	B1	485 interface 1, phase B
03	A2	485 interface 2, phase A
04	B2	485 interface 2, phase B

## Product features

- Based on Impinj R2000 read-write engine design, fully support EPC Global C1G2 v1.2, ISO18000-6C standard electronic sensor;
- 4 external SMA female antenna interface, support antenna automatic fine tuning and antenna detection;
- Support RSSI function;
- Output power reaches 30dBm (adjustable);
- Low power consumption design, DC 12V ~ 36V DC power supply;
- Dimension: 189mm\*92mm\*25mm, exquisite small design, meet all kinds of application sites;
- Weight: 360g.

## Interface

