PrediRockBoy PMS IoT Host

PMS IoT

- IP40 Level of protection, Mechanical housing
- Plug and play, reducing complex configurations
- Industrial wide temperature design
- Can be customized according to customer requirements, development

Predision is a leader in next generation industrial power over Ethernet (PoE) technology. Our first-to-market, industrial mobile station (PMS) is a compact, mobile station that provides an industrial computer, camera(s), lights(s), sensors, power and connectivity in remote locations without standard power and network connections where data communications are required.

Introduction

The PMS-IOT system is a small data collection terminal launched by Henrich. The software has complete functions, covering most common application scenarios. Users can realize remote cloud data viewing only through simple settings, 12-24VDC power supply, currently supports 4G connection to the network, and terminal equipment supports ZiGbee wireless connection. The whole system not only supports local management of terminal device operation, and also supports management of terminal device operation from the cloud. PMS IoT uses ZiGbee wireless transmission technology to collect data and uses a 4G network to transmit the collected data to the cloud, and the client can log in to the cloud platform to check the data directly.

Specifications

No.	Parameters	PMS lot	Reference
1	Device size	27*143.9*103.6mm	Without antenna
2	Average weight	387g	With antenna, weight tolerance 10g
3	Operating frequency band	2.4G	2405--2480
4	Production process	Machine paste, lead-free process	Wireless products must be machine paste to ensure batch consistency and reliability
5	Management interface	RS232	Crimp method
6	Supply voltage	12-24VDC	Note: higher than 24V voltage will cause permanent damage to the module
7	Communication level	RS232	With RS232
8	Measured distance	1000M	Clear and open, maximum power, antenna gain 6dBi, height 2M
9	Communication interface	ZiGbee	Global frequency band: 2.4GHz (global use)
10	Antenna interface	SMA	Male thread female pin
11	Antenna resistance	50Ω	Standard 50Ω characteristic resistance
12	Operating temperature	-40 ~ +85℃	Industrial grade
13	Operating Humidity	10% ~ 90%	Relative humidity, non-condensing
14	Storage temperature	-40 ~ +85℃	Industrial grade

Installation Notes

1. Refer to Quick Installation Manual for setup and usage specifics

2. Do not open the device without consulting Predision support. The internal configuration is precise and requires professional maintenance.

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