

upsViewer

Intelligent network monitoring card



Product introduction

UpsViewer is an intelligent network monitoring card that enables UPS to communicate with the network. The product is a deeply optimized embedded Linux system with a 32-bit RISC Cortex-A8 processor and a main frequency of up to 1GHz. UPS supports a variety of serial protocols, perfect compatibility with the standard Modbus protocol, can facilitate the implementation of various UPS variables monitoring. External support for Web access, you can easily view the UPS working status. Support SNMP, MQTT, MODBUSTCP and other extended protocols to meet various centralized monitoring needs.

Function features

- Equipped with a 32-bit RISC Cortex-A8 processor, frequency 303MHz;
- Deep optimization of embedded Linux system, can meet a long time of continuous and stable operation, at the same time with high network reliability
- Built-in hardware watchdog, the system crash can be automatically restarted;

- Built-in Web server, support multiple concurrent Web access, can realize many people at the same time log in to view UPS data ;
- Support standard V1, V2C, V3 version of SNMP service, support Trap event notification ;
- Support email alarm, SMS alarm and telephone voice alarm, can timely send the alarm information to customers ;
- Modbus protocol is deeply integrated with UPS, which can monitor the running state of UPS in an all-round way ;
- Support MODBUS TCP protocol , make the centralized monitoring access convenient ;
- Support MQTT protocol, can realize the monitoring of cloud Internet of Things platform, and can expand mobile APP access ;
- Large storage capacity, can support 50 thousand history records.

Specification

CPU	ARM Cortex-A8 32-Bit RISC 1GHz
RAM	256M Byte
Flash	128M Byte
LED	Three; Power: Green; System: Red; UART: Yellow;
Internet port	LAN interface, support 10/100M
Extended serial interface	Can be connected to the expansion of temperature and humidity, water immersion, SMS voice modules
Watchdog	Hardware watchdog
Real Time Clock	RTC clock, support power down clock save
UPS Communication	RS232

Applications

