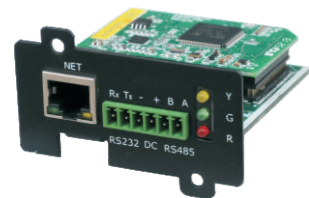


Modbus Card



Plug long Card



Plug short Card



External short card

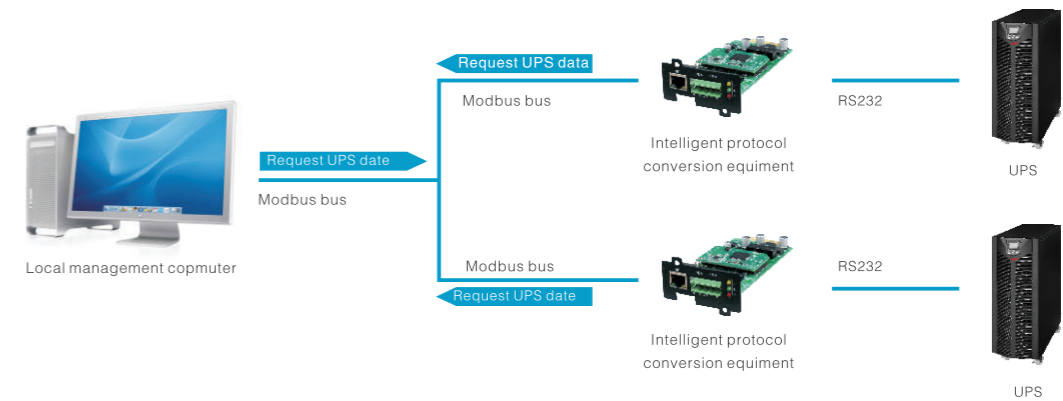
Product Introduction

Currently the centralized monitoring system of the large power computer room not only includes the main equipments, but also integrates power and environmental monitoring in one. In order to be compatible with more devices, such monitoring system adopts the popular Modbus communication protocol. But the common UPS only provides one RS232 interface, since it cannot connect to multiple devices and the communication protocol generally can't satisfy multi-device trunk mode to be communicated according to IP address, thus such integrated monitoring device cannot be achieved. And then Modbus protocol conversion equipment is needed. Modbus card is intelligent protocol converter equipment, developed while adapting to the current market demand for power centralized monitoring applications.

Features

- Use Modbus protocol to communicate with protocol conversion equipment through RS485;
- Accomplish the conversion between UPS EA protocol and Modbus/RS485/TCP/IP;
- Use the conversion card to connect the UPS to the RS485 trunk to accomplish the integrated management of different devices;
- Working condition indicator directly shows the power, communication and fault information of the Modbus conversion device;
- With internal and external types for different demands;
- Customizable for certain device and change the conversion device into Modbus protocol;
- Serial communication interface (SCI) has 3 types of outputs (RS485+RS232 or CAN+RS232 or RS232), can do expansion;
- Device parameter and firmware program can be updated through Ethernet;

Application schematic diagram



Technical Data

Model	iDA-PA124PL	iDA-PA124PS	iDM-PA124ES	iDM-PA124ES
Name	Plug long Card	Plug short Card	External card	External card
Interface	RS232 to RS485+ RJ45	RS232 to RS485+RJ45	RS232 to RS485+ RJ45	RS485 to RS232+ RJ45
Network Interface	10/100Mbps High-speed Ethernet adaptive			
Serial Interface	RS232+CAN/RS485			
Network protocol	TCP/IP, UDP, DHCP, DNS, ARP, ICMP etc.			
LED Indicator	Power, Status, Fault, LAN 10/100M Link/Active			
Input power(DC)	8~15volt			
Power consumption	Max: 1.5W			
Operating Environment	Temperature: 0°C ~ 50°C, Humanity: 10 ~ 80%			
Other device	Real-time system clock			
Software upgrade	FTP remote network upgrade			

Application schematic diagram

