



Model: M-4132

M-4132

Remote Maintenance with voice streaming Solution

Introduction

The M-4132 module is specially designed for the remote maintenance solution with voice streaming. This module provides 2 major technologies on networking: Voice streaming and Pair connection. The Pair connection means that the user can operate remote COM port device via Ethernet TCP/IP protocol just like a local COM port and the Voice streaming means the user can talk to remote operator while operate remote COM-linked devices.

Features

- Support voice streaming on network
- Provide pair connection on network
- Web-based administration
- Linux 2.6 platform
- Support TCP/IP protocols
- Provide dynamic DNS function
- Provide event record and e-mail function
- Built-in web server, FTP server
- Built-in RTC
- Built-in self-tuner ASIC chip for RS-485 port
- 2500V isolated on RS-485 port
- Provide LED indicators
- Robust, fan less design
- CE/FCC, EMI, RoHS compliance

Specification

| | |
|-------------------------------|---|
| CPU | xScale PXA-255 400 MHz processor |
| Flash | 32M Bytes |
| SDRAM | 64M Bytes |
| SRAM | 256K Bytes |
| Ethernet | Ethernet IC: DM9000A Bit rate: 10/100Mbps Ethernet interface: RJ-45 connector Internet connection type: DHCP, Static IP, PPPoE Ethernet protocol & services: TCP/IP, Web server, FTP server, Telnet & SSH |
| Audio | Provide microphone input and stereo speaker output Microphone and speaker interface: 3.5mm 3-pin phone jack Volume and tone quality adjustable |
| COM port | Serial port - RS-232/ RS-485 COM1: RS-232 interface -- D-sub 9-pin male RS-232: TXD, RXD, RTS, CTS, GND COM2: RS-485 interface -- 2-pin screw terminal block RS-485: D+, D-, self-tuner ASIC inside Baud Rate : 1200/2400/4800/9600/19200/38400/57600/115200 bps Data Format: 5/6/7/8 data bits, None/Odd/Even parity bit, 1/2 stop bit |
| Power Requirement | Unregulated +10 V ~ +30 VDC |
| Power Consumption | 2.5W |
| Environmental | Operating temperature: -20 ~ 60°C Storage temperature: -25 ~ 85°C ESD protection: 2500V CE/FCC, EMI, RoHS compliance |
| Dimensions (W x L x H) | 160 mm x 135 mm x 44 mm |

Ordering information

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