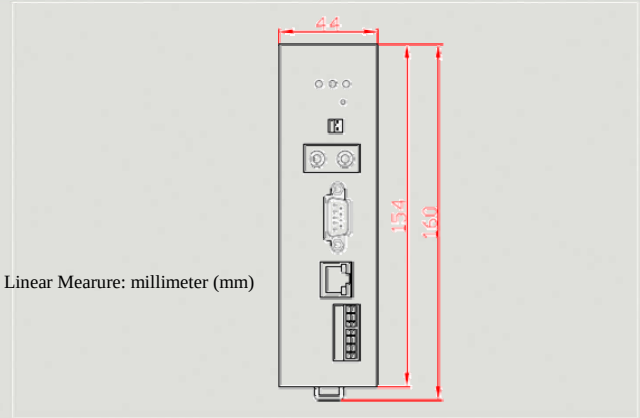
Industrial Multimedia Automation

Remote Maintenance with voice streaming Solution

M-4132

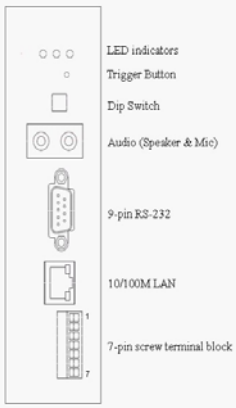


Dimensions

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
- Robust, fan less design
- CE/FCC, EMI, RoHS compliance



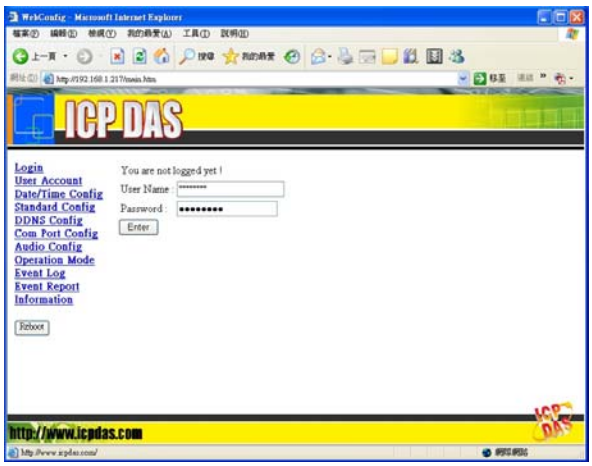
7-pin screw terminal block

Pin	Name	Description
1	T.Gnd	GND of trigger input
2	Trig	Trigger input
3	D+	Data+ of RS-485
4	D-	Data- of RS-485
5	PWR	V+ of Power Supply (+10 to +30 VDC)
6	GND	GND of Power Supply
7	F.G.	Frame Ground

Pin Assignments

Web-based administration

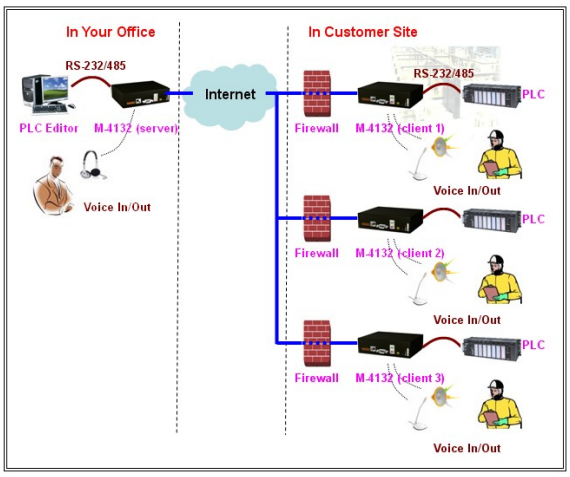
- The M-4132 module built-in web server, the user can operate and set the module easily by web browser.

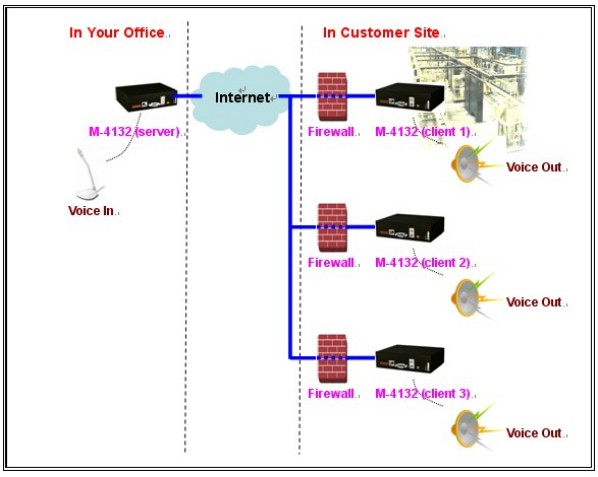


Hardware Specifications

Item	M-4132
CPU	xScale PXA-255 400 MHz processor
Flash	32M Bytes
SDRAM	64M Bytes
SRAM	256K Bytes
Ethernet	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	Microphone input and stereo speaker output
COM port	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	10V ~ 30V
Power Consumption	2.5W
Operating Temp.	-20℃ ~ +60℃
Storage Temp.	-25℃ ~ +85℃
Dimensions	160 x 135 x 44 mm

Application





Ordering Information

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