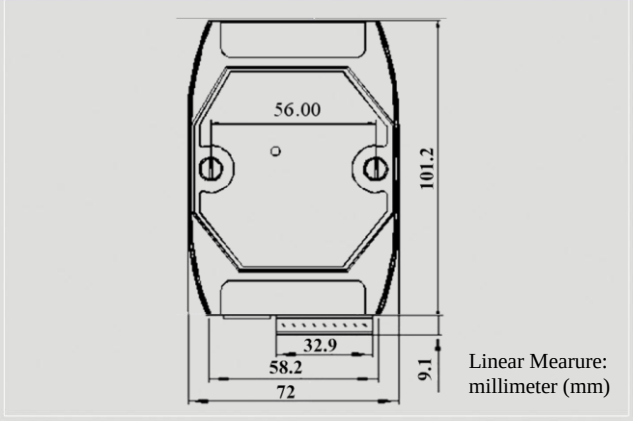
Industrial Multimedia Automation

Intelligent Remote Maintenance Device Server



M2M-720-A



Linear Mearure: millimeter (mm)

Dimensions

The M2M-720-A 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. Furthermore, M2M-720-A integrates the Virtual com technology. That can resolve the insufficiency of real com port in PC. By applying this technology, the maintenance man can take the remote maintenance or monitor whatever time or place.

Features

- Support voice streaming on network
- Provide pair connection on network
- Server mode can manage max 64 clients
- Support Virtual COM technology
- Web-based administration
- Linux platform
- Provide Static IP/DHCP/PPPoE
- Provide dynamic DNS function
- Provide event record and e-mail function
- Built-in web server, FTP server
- Built-in self-tuner ASIC chip for RS-485 port
- Robust, fan less design
- CE/FCC, EMI, RoHS compliance

Pin Assignments

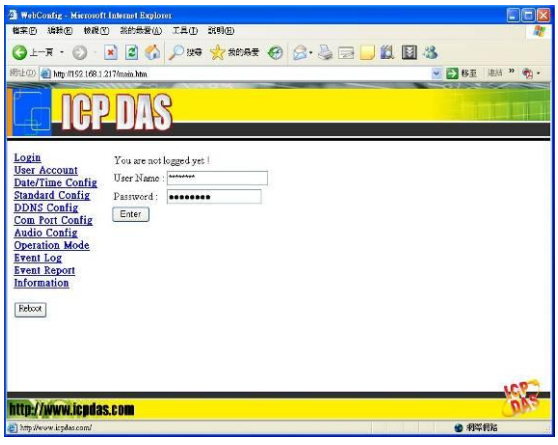


9-pin screw terminal block

Pin	Name	Description
1	Trig	Trigger input
2	T.Gnd	GND of trigger input
3	RXD	Rx of RS-232
4	TXD	Tx of RS-232
5	GND	GND of RS-232
6	D+	Data+ of RS-485
7	D-	Data- of RS-485
8	PWR	V+ of Power Supply (+10 to +30 Vdc)
9	GND	GND of Power Supply

Web-based administration

- The M2M-720-A module built-in web server, the user can operate and set the module easily by web browser.

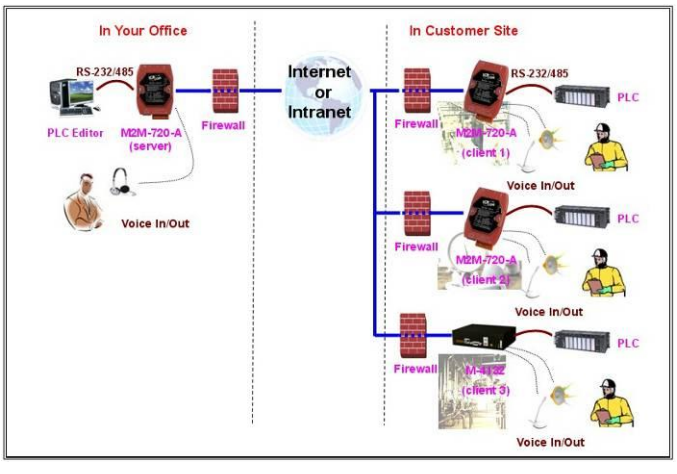


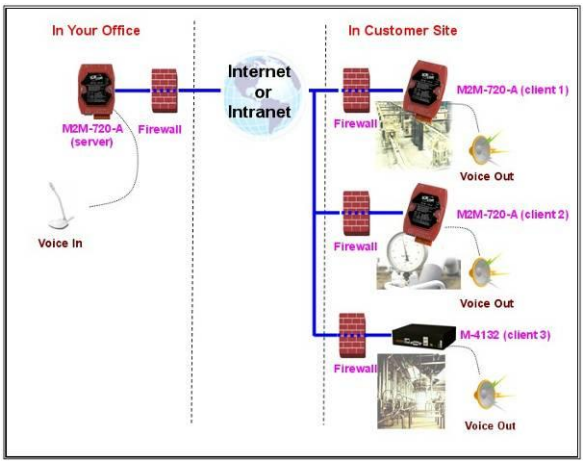
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Hardware Specifications

Hardware	
CPU	Cortex A8 processor
RAM/Flash	512 MB / 512 MB
RTC (Real Time Clock)	Yes
UART Interface	
COM 1	RS-232
COM 1 Connector	3-pin screwed terminal block (RXD, TXD, GND)
COM 2	RS-485 (Self-turner inside)
COM 2 Connector	2-pin screwed terminal block (DATA+, DATA-)
Baud Rate (bps)	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
Data bit	5, 6, 7, 8
Stop bit	1, 2
Parity	None, Even, Odd
Ethernet Interface	
Controller	10/100Base-TX Ethernet Controller
Connector	RJ-45 with LED indicator
Services	TCP/IP, Web server, FTP server, Telnet & SSH
Power	
Power supply	Unregulated +10 ~ +30 V_{DC}
Power Consumption	4.6 W
Mechanism	
Installation	DIN-Rail or Wall Mounting
Dimensions	72 mm x 33 mm x 110 mm (W x L x H) Detail
Environment	
Operating Temp.	-20 ℃ ~ +60 ℃
Storage Temp.	-25 ℃ ~ +85 ℃

Application





Ordering Information

M2M-720-A	Intelligent Remote Maintenance Device Server

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000