

MA-NET | Addressable Network Interfaces

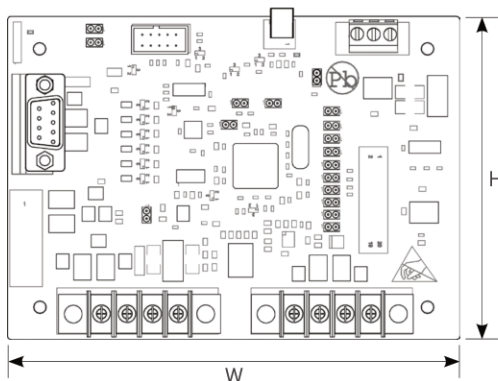
MA-NET MTech's latest network management card, creates a network for MTech's analog addressable fire alarm control panels, with global programming and advanced global monitoring capabilities. The MA-NET can also be utilized as a network repeater, expanding the distance between fire alarm control panels up to 8 km.

System Functionality:

- TCP/IP interface.
- Connection interface with M-1, MA-1, MA-1000 and MA-1000A Fire Alarm Control Panels.
- Connects to a PC via an RS232 interface or optional TCP/IP.
- Class X and Class B configuration.
- Repeater (line boosters) of up to seven units per network.
- Optional Modbus.
- Includes status indicator for each channel.
- Stores history data of up to 10,000 system events.
- LED indicator status of system's fault signals.
- Galvanic isolation of the communication line.
- Communication line amplifier or replicator.

Features & Benefits:

- Quick, simple, and cost-effective installation.
- Easy to expand system using existing wiring.
- Plug-and-play with no hard addressing required.
- Mechanically and electrically durable, resistant to electromagnetic interferences and unfavorable environments.



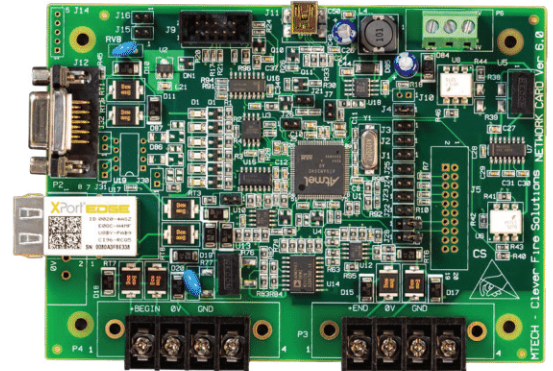
Dimensions:

W. 140 mm | H. 100 mm | D. 20 mm

Order Code:

MA-NET (for RS-485)

MA-NET TCP/IP (for TCP/IP)



Technical Specifications:

Code	MA-NET
Description	Network Card, Fire Alarm Equipment UOXX.S36158
Standards	UL864 10th Edition, SII1220 and TR TC EAC 043-2017

Specification

Operating Voltage	24VDC
Current Consumption	Up to 101.7mA
Optional Interface	ModBUS
Programming Port	Mini USB
Output Ports	RS-485/232 and RS-485/TCP/IP

Net

Interface Type	RS485
Interface Signals	Data+, Data -, 0 V, GND. Galvanic insulation
Data Transfer Rate	9,600 - 56,700bps distances up to 1000 m; optional repeater (line boosters), 1 km True peer-to-peer network

Environmental

Environmental Operating Temperature	-10°C to +60°C
Humidity (Non-Condensing)	0 - 93% RH

Physical

Weight	0.2 kg
Ingress Protection	IP00

Compatibility

Recommended Loop	MA-1000 Cooper loop card MA-1000A Apollo loop card
Suitable for Use With	MTech MA Analog Addressable Fire Alarm Systems MA-Monitoring Graphical Management Software