



Ethernet Gateway Card Mk2

Product Overview:

The Pertronic **Ethernet Gateway Mk2 card (NET2GATE)** enables Pertronic analogue addressable panels to interface to an Ethernet network.

The gateway card is used in conjunction with the Pertronic FireMap graphics system for remote management and monitoring of Pertronic analogue addressable fire alarm panels over an IP based Ethernet LAN or the internet. The gateway card formats, filters and distributes the panel data to the Ethernet, leaving the panel with the important task of detecting and reporting alarms.

Typically mounted within the fire alarm panel, the Ethernet gateway card allows data from the panel's RS485 mimic port to be available to external equipment, such as the Pertronic FireMap, enabling the status of the panel to be shown pictorially with user control facilities for Isolate, Acknowledge and Reset. This provides remote interrogation of the panel to allow detector status to be checked and other functions.

16 digital inputs are available to interface with other equipment, such as Pertronic or third party conventional fire alarm control panels to signal multiple event types to the Pertronic FireMap graphics system.



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Features:

- » Standard TCP / IP Ethernet interface
- » Panel RS485 to Ethernet data conversion
- » Web based configuration of Ethernet networking parameters
- » Simple firmware upgrade via USB flash drive
- » Low quiescent current

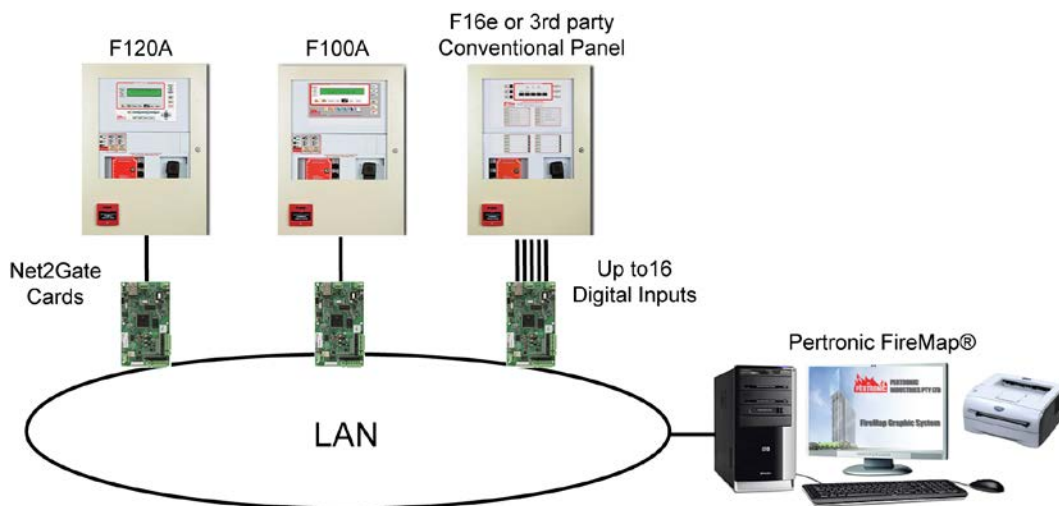
Specifications:

» Ethernet Interface	Number of ports	1
	Speed	10/100Mbps
	Connector	8-pin RJ45
» RS485 Interface	Number of Ports	1
	Speed	9600bps (19.2bps capable)
	Connector	4-pin screw terminal
» RS232 Series Interface	1	3-pin screw terminal
» USB Interface	2	Switched host and slave connectors
» PCB Dimensions	166 x 100 x 20 mm	L x W x D
» Direct Digital Inputs	16	Interface for Pertronic or third party conventional equipment
» Operating Voltage	18 to 30 Volt	
» Quiescent Current	60 mA	
» Operating Temperature	-10 °C to 50 °C	
» Humidity	≤ 95 % RH, non-condensing	

Connection:



Typical RS485 Wiring Connection to Pertronic AA Control Panel



Ordering Information:

Product Code	Description
NET2GATE	Ethernet Gateway Card MK2

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