

# FP-X series

## Add-on cassette (Ethernet)

This Ethernet cassette fulfills user requirements such as the “easy collection of inspection/production data” or “remote changing of ladder programs”, using LAN (Ethernet).

### ■ The industry’s first\*1 add-on to equip a compact PLC with an Ethernet port

AFPX-COM5

\*1: In Japan, as of May 1, 2007

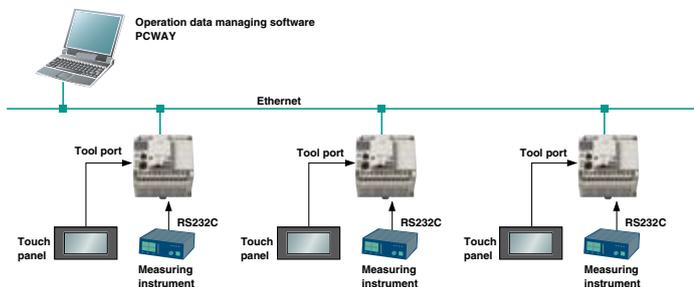


- Enables easy Ethernet connections with a compact PLC, which were previously not possible.
- Also equipped with an RS232C port. Together with the tool port (programming port), a total of 3 communication ports are available, which is remarkable for a compact PLC.
- For example, the following operations are simultaneously available with this cassette attached:

1. I/O control
2. Reading data from a tester (measuring instrument) of inspection equipment (RS232C)
3. Collecting the read data from the host computer (Ethernet)
4. Setting/monitoring via a touch panel (Tool port)

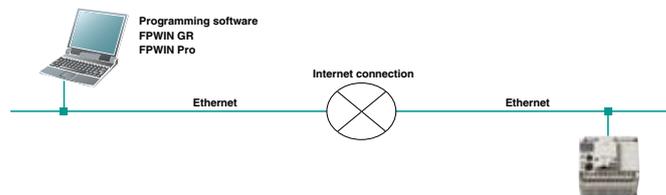
### ■ Application

#### Data collection



#### Remote maintenance

#### Program/monitoring



Interface	Specifications and functions
Ethernet (COM1)	10BASE-T, 100BASE-TX, TCP/IP, Baud rate: 9600bps/115200bps • MEWTOCOL-COM master/slave (3 connections max.) • General-purpose serial communications (1 connection max.) Server function, client function
RS232C (COM2)	• 3-wire (RD, SD, SG), Asynchronous, Baud rate: 300bps to 115200bps • MEWTOCOL-COM master/slave • General-purpose serial communications • Modbus-RTU master/slave

Ethernet port functions		Specifications
MEWTOCOL-COM master/slave		<ul style="list-style-type: none"> <li>• Automatically sends responses without communication programs to commands of Matsushita's open protocol "MEWTOCOL".</li> <li>• Contact/word data writing/reading, program editing</li> <li>• PCWAY, FPWIN GR and FPWIN Pro are supported.</li> </ul>
General purpose serial communications	Server function	<ul style="list-style-type: none"> <li>• Waits for a connection from a client PC (personal computer), and after the connection has been established, receives data from the PC.</li> </ul>
	Client function	<ul style="list-style-type: none"> <li>• After the power has been turned on, establishes a connection to a preset IP address and sends data.</li> </ul>

Use our free software “Configurator WD” for setting up the Ethernet port (e.g. IP address and operation mode).

Download the software free of charge from:  
<http://www.panasonic-electric-works.com>

