

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

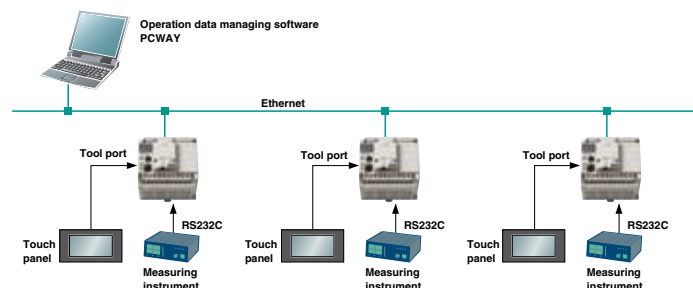


- Enables easy Ethernet connections with a compact PLC, which were previously not possible.
- Also equipped with an RS232C port. Together with the tool port (programming port), a total of 3 communication ports are available, which is remarkable for a compact PLC.
- For example, the following operations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

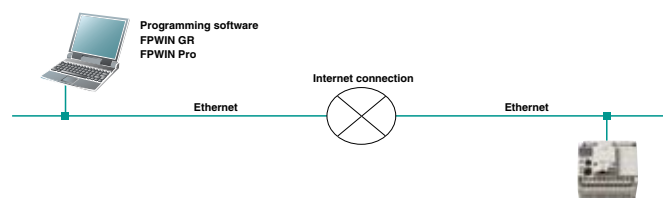
■ Application

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		• Automatically sends responses without communication programs to commands of Matsushita's open protocol "MEWTOCOL". • Contact/word data writing/reading, program editing • PCWAY, FPDWIN GR and FPDWIN Pro are supported.
General purpose serial communications	Server function	• Waits for a connection from a client PC (personal computer), and after the connection has been established, receives data from the PC.
	Client function	• After the power has been turned on, establishes a connection to a preset IP address and sends data.

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>

