

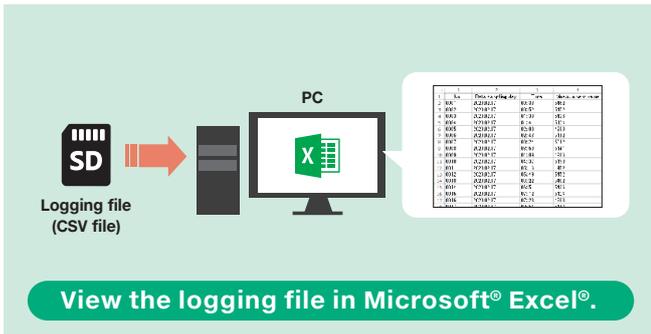


Firmware upgrade for the **FX5UJ** CPU module

Upgraded function 1

Logging function

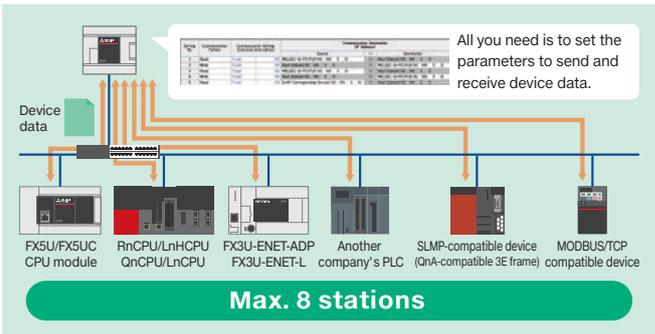
The data logging function now supports a CSV file format. Use this function to collect device data. All you need is to set the parameters.



Upgraded function 2

Simple CPU communication function

Simple-CPU-communication compatibility has been expanded to include a wider range of models, including the models of other manufacturers.



New functions

- File operation instructions
- Unicode character string operation instructions
- FTP client function
- 1E frame of SLMP
- Scan time clear function
- High-speed pulse I/O module

New functions of firmware version 1.030 and later

Refer to "Added and Enhanced Functions" in MELSEC iQ-F FX5 User's Manual (Application) for detailed information about the added functions.



Build a simple multiple-axis control system with **FX5UJ**

Issue Not enough **positioning axes or high-speed counter channels** are available on FX5UJ. Is there a way to add more axes and channels without having to replace the current CPU module?



The upgraded version will do.

Add a high-speed pulse I/O module to increase the number of double-axis and high-speed double channel. Added axes and channels operate on the same programs as the ones for built-in positioning and high-speed counter.



A greater number of positioning axes

3-axis* 200 kpps + 2-axis 200 kpps + 1 module = Max. 4 modules

Max. 11 axes

More high-speed counter channels

4 ch 100 kHz + 4 ch 10 kHz + 2 ch 200 kHz = Max. 4 modules

Max. 16 channels

Enables the simultaneous use of positioning and high-speed counter

200 kHz Rotary encoder
200 kpps Servo amplifier

2 axes + 2 channels when used in combination

*: Only supports the transistor output type



Customer NEWS

MELSEC iQ-F series



CC-Link IE TSN master/local module

Supported with firmware version 1.010 and later

FX5-CCLGN-MS now supports 100 Mbps.



New

The firmware update of FX5-CCLGN-MS includes the support for 100-Mbps devices.

FX5-CCLGN-MS
CC-Link IE TSN
Master/local
module

Improvement

Before

After

On the older version with a single-speed 1 Gbps...

The data transfer rate of 1 Gbps needed to be converted to 100 Mbps when communicating with 100-Mbps devices, such as cameras, sensors, and inverters (FR-E800).

Conversion switches are expensive.



Improved communication function

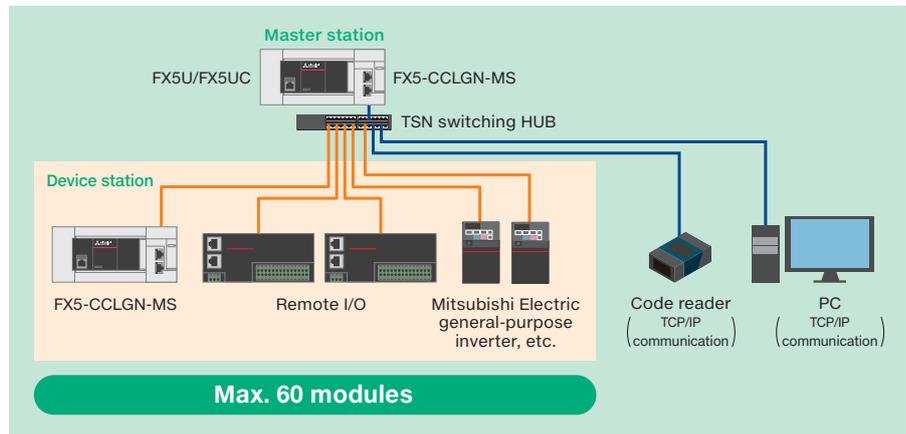
When configured with only 100-Mbps devices, communication is now possible without speed conversion using conversion switches.

Less expensive solution for system configuration



What is FX5-CCLGN-MS?

FX5-CCLGN-MS is an intelligent function module intended for connecting the FX5U/FX5UC CPU module as a master or local station of the CC-Link IE TSN. FX5-CCLGN-MS, when used as a master station, is suitable for use for a medium-scale system with a maximum of 60 device stations.



CC-Link IE TSN

This is an Ethernet-based open integrated network that seamlessly connects the network of systems from the information system to the production site. CC-Link IE TSN enables coexistence of information communication with the IT system and real-time cyclic communication.

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Please contact your nearest Mitsubishi Electric representative for more information.

Safety Warning

To ensure proper use of the products in this document, please be sure to read the instruction manual prior to use.

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