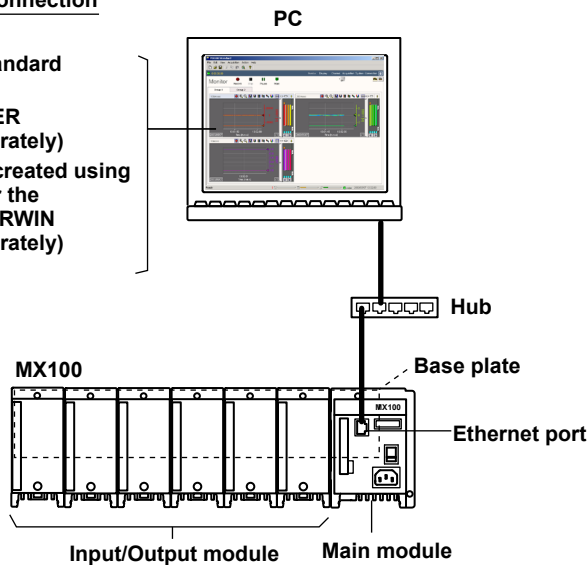


1.1 Overview of the MX100

The MX100 consists of the main module equipped with an Ethernet port, input/output modules that perform input or output of signals, and the base plate that attaches and connects all of these. By connecting the main module and a PC via the Ethernet interface and installing one of the dedicated software programs indicated below onto the PC, you can configure the acquisition conditions for the measured data from the PC as well as monitor and acquire the measured data on the PC. One to twenty MX100s can be connected to a single PC (one unit using the MX100 Standard Software, or one to twenty units (or up to 1200 input channels) using MXLOGGER).

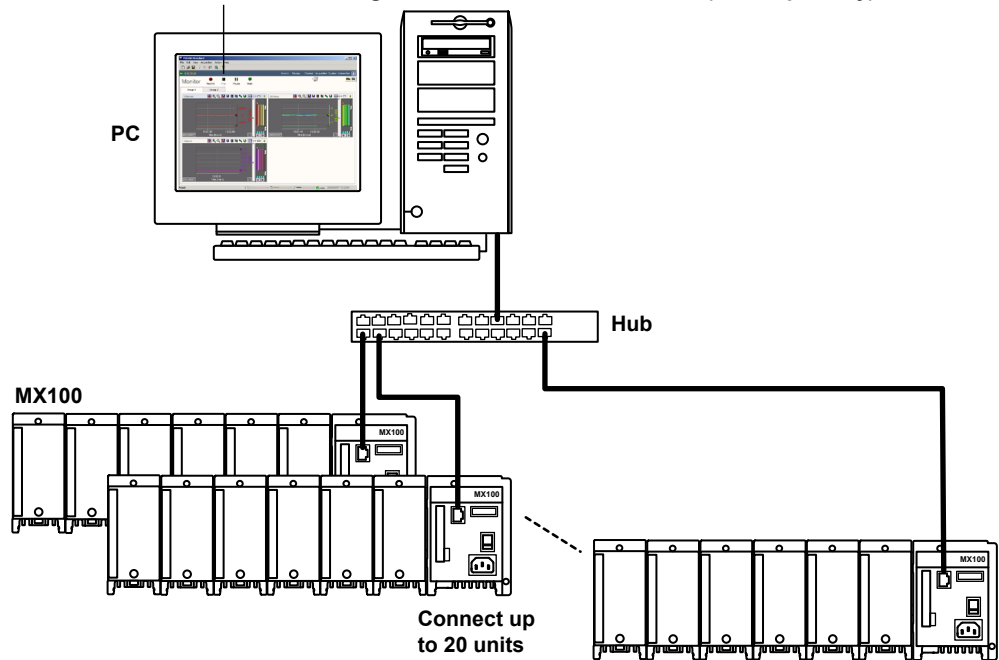
One-to-one connection

- MX100 Standard Software
- MXLOGGER (sold separately)
- Software created using the API for the MX100/DARWIN (sold separately)



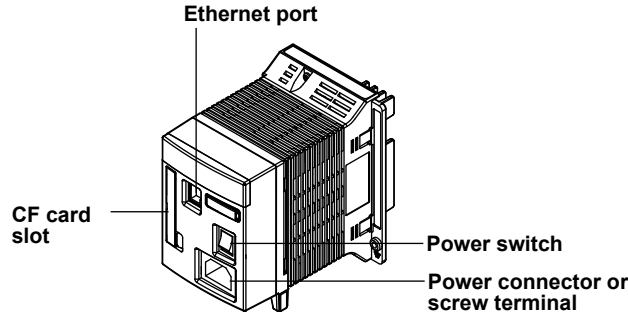
One-to-N connection

- MXLOGGER (sold separately)
- Software created using the API for the MX100/DARWIN (sold separately)



Main Module (MX100-E)

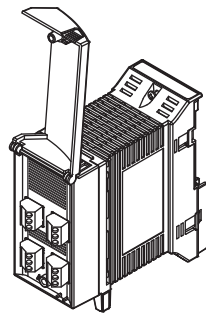
The main module is equipped with a power supply connector, a power switch, an Ethernet port, a CF card slot, and other parts. It controls the power supply to and the control of each input/output module, communications with a PC, data storage to the CF card when communication is disconnected, and other functions.



Input/Output Modules

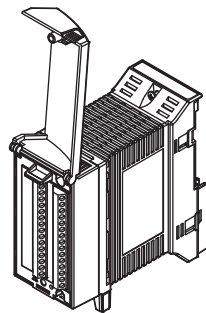
The following twelve types of modules are available. A plate with screw terminals and separately installed screw terminal block (both sold separately) are available as accessories for the 10-CH, Medium-Speed Universal Input Module and the 10-CH, High-Speed Digital Input Module.

4-CH, High-Speed Universal Input Module (MX110-UNV-H04)



- Minimum measurement interval: 10 ms
- Maximum number of inputs: 4 inputs
- Input types: DC voltage, TC, 3-wire RTD, and DI (LEVEL, non-voltage contact)

10-CH, Medium-Speed Universal Input Module (MX110-UNV-M10)



- Minimum measurement interval: 100 ms
- Maximum number of inputs: 10 inputs
- Input types: DC voltage, TC, 3-wire RTD, and DI (LEVEL, non-voltage contact)