Pro-face

Digital
Human Machine Interface

Device/PLC Connection Manuals

About the Device/PLC Connection Manuals

Prior to reading these manuals and setting up your device, be sure to read the "Important: Prior to reading the Device/PLC Connection manual" information. Also, be sure to download the "Preface for Trademark Rights, List of Units Supported, How to Read Manuals and Documentation Conventions" PDF file. Furthermore, be sure to keep all manual-related data in a safe, easy-to-find location.

Hitachi Industrial Equipment System | Connectable Devices

The following tables list the devices that can be connected and used with the GP.

■ PLCs

◆ 1:1 Connection

Series Name	CPU	Link Unit	Comments	Device type in Screen Editor	GP Series GLC 2000 Series	GLC 100 Series GLC 300 Series
HIDIC H	H20, H28 H40, H64	CPU Direct Connection	Previously known as HIZAC H Series. Refer to Procedure 1 for data communication control.	Hitachi Industrial Equipment System HIDIC-H series	○	X
	H-200, H-300 H-302, H-700 H-702, H-2000 H-2002, H-252C H-4010, EH-150					
	MICRO-EH	Serial Port 1 or 2 on CPU unit				
	H-300, H-700 H-2000, H-2002	COMM-H COMM-2H				
	H-302, H-702 H-4010	COMM-2H				
	EH-150 (EH-CPU448)	Serial Port 1 on CPU unit	Refer to Procedure 2 for data communication control.	Hitachi Industrial Equipment System HIDIC-H2 series		
	MICRO-EH	Serial Port 1 or 2 on CPU unit				
	H-302, H-702, H-2002, H-4010	COMM-2H				

◆ n:1 (Multi Link) Connection

Series Name	CPU	Link I/F	Comments	Device type in Screen Editor	GP Series GLC2000 Series	GLC100 Series GLC300 Series
HIDIC H	H-2000 H-2002	COMM-H COMM-2H	Standard HIZAC H series. Transmission control procedure 1	Hitachi Industrial Equipment System HIZAC-H series	○	X
	H-302 H-702 H-4010	COMM-2H				
	MICRO-EH	Serial Port2 on CPU unit				
	EH-150 (EH-CPU448)	Serial Port1 on CPU unit				
	H-302 H-702 H-2002 H-4010	COMM-2H	Transmission control procedure 2	Hitachi Industrial Equipment System HIDIC-H2 series		
	MICRO-EH	Serial Port2 on CPU unit				

◆ Ethernet Communication

Series Name	CPU	Link I/F	Device type in Screen Editor
HIDIC H	H4010(CPU3-40H) H2002(CPU2-20H) H1002(CPU2-07H) H702(CPU2-20H) H302(CPU2-40H)	LAN-ETH	Hitachi Industrial Equipment System HIDIC H (ETHER)

Refer to the following table for compatible GP/GLC units and Ethernet connection information.

Series Name		Product Name	Optional Ethernet I/F Unit	Built-in Ethernet Port
GP77R Series	GP-377R Series	GP-377RT	○ *1 *2	x
	GP-477R Series	GP-477RE	○ *2	x
	GP-577R Series	GP-577RS	○ *2	x
		GP-577RT	○ *2	x
GP2000 Series	GP-2300 Series	GP-2300L	x	○
		GP-2300S	x	○
		GP-2300T	x	○
	GP-2400 Series	GP-2400T	x	○
	GP-2500 Series	GP-2500L	○ *3 *4	○
		GP-2500S	○ *3 *4	○
		GP-2500T	○ *3 *4	○
	GP-2501 Series	GP-2501L	○ *2 *3	x
		GP-2501S	○ *2 *3	x
		GP-2501T	○ *2 *3	x
	GP-2600 Series	GP-2600T	○ *3 *4	○
	GP-2601 Series	GP-2601T	○ *2 *3	x
GLC2000 Series	GLC-2300 Series	GLC-2300L	x	○
		GLC-2300T	x	○
	GLC-2400 Series	GLC-2400T	x	○
	GLC-2600 Series	GLC-2600T	○ *3 *4	○

*1 Only the Multi Unit can be used.

*2 The 2-Way Driver (Pro-Server, GP-Web and others) cannot be used.

*3 When using optional Ethernet I/F unit, a bus conversion unit (PSL-CONV00) is required.

*4 Using the optional Ethernet I/F Unit allows you to set up separate Class and Net No.s for 2-Way Driver applications (Pro-Server, GP-Web and others) and the PLC. When doing this, data transfer with the PLC is performed through the optional Ethernet I/F Unit.