Zenisu Keisoku

Zenisu Keisoku,Inc

LAN GP-IB controller

GP-IB device to the LAN

ZS-6180AF

GP-IB equipment can be incorporated in the existing LAN system. It operates asGP-IB controller by command from the host computer with LAN interface. it is also possibele to extend the functions such as limiting the length of the GP-IB cable and allowing multiple host computers to be GP-IB controllers.

ZS-6180AF

ZS-6180AF Side View

ZS-6180AF Back View

Features

- Supports Ethernet TCP/IP protocol.
- Programs that are equivalent to RS-232C are possible without being concious of Ethernet by the virtual COM port utility.
- GP-IB equipment can be controlled using existing network of 10 /100BASE-T.
- It is possibel to transmit and receive data to / from multiple host computers.
- Each internal buffer memory has 16 Kbytes (input/output).
- It is possible to be connected up to 14 devices.
- It is possibel to be used regardless of workstation, PC, PLC, and so on if the host computer supports Ethernet.

Related products

GP-IB Adapter

ZS-6120CP: Convert I/O up to parallel 64 bits to GP-IB.
ZS-6122BP: Input 16 bits, Output 16 bits.
ZS-6123AP: GP-IB controller interface converter.
ZS-6144AF: Controlling RS-232C equipment from GP-IB.
ZS-6143AF: Controlling GP-IB equipment from RS-232C.
ZS-6170AF: Control GP-IB equipment from USB.

GP-IB Cable

ZS-GPIB-xx: please specify the cable length (m).
e.g) If the cable length is 100m, it is ZS-GPIB-100 .

LAN GP-IB Controller

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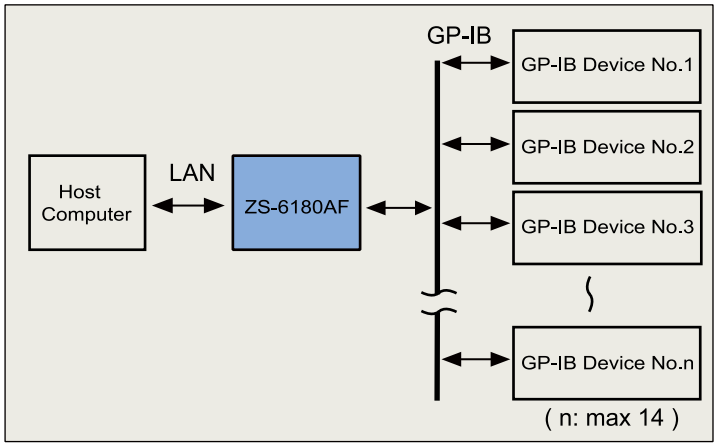
Usage



ZS-6180AF is an interface adapter that mediates communication between LAN and GP-IB, and it operates as GP-IB controller.
It is possibel to be connected up to 14 GP-IB devices.

LAN

Compliant with Ethernet IEEE 802.3
10 / 100BASE-Tx automatic switching
Protocol TCP/IP, Telnet, ARP, ICMP, HTTP

GP-IB

Compliant with GP-IB IEEE488.1-1987
SH1,AH1,T5,L3,SR1,RL1,PP0,DC1,DT1,C1,C2,C3, C4,C27

Specification

Control method
Control command by Telnet, TCP/IP
Control command by TCP/IP virtual COM port
Compliant with RoHS
Power supply: DC4.75 to 5.25V 500mA or less
Power jack: MJ-17EIAJ#2 φ4.4x1.65 center plus
Operating environment: Temperature 0 to 50º
Humidity 85% or less
Strage Temprature: -20 to 80º
Size: 82(W) x 30(H) x 126(D) mm
Weight: 500g or less
Accessory: DC power input cable

Command Table

NO.	Command	Function
1	REM	GP-IB device becomes a remote status.
2	IFC	The interface of GP-IB device is initialized.
3	DCL	GP-IB device becomes a clear.
4	SDC	The specified GP-IB device becomes a clear.
5	GTL	The specified GP-IB device becomes local control.
6	LLO	It is disable local control of GP-IB device.
7	GET	It sends a GET command to the specified GP-IB device.
8	CMD	Message command is output to GP-IB.
9	TAD	It specifies a talker address of GP-IB.
10	LAD	It specifies a listener address of GP-IB.
11	DAT	ASCII data will be output to the equipment that has already been designated as a listener.
12	DATB	Binary data will be output to the equipment that has already been designated as a listener.
13	OUT	It sends ASCII data to the specified listener.
14	OUTB	It sends binary data to the specified listener.
15	INP	It receives ASCII data from the specified talker.
16	INPB	It receives binary data from the specified talker.
17	IND	It receives ASCII data from the device that has already been specified as a talker.
18	INDB	It receives binary data from the device that has already been specified as a talker.
19	RDS	It receives the status data from the specified GP-IB device.
20	DLM	It specifies the delimiter of data to be sent to the GP-IB device.
21	TOE	It sets timeout of GP-IB handshake. (100ms to 25.5sec or no timeout)
22	SRQE	It is sent SRQ signal to the host computer when SRQ occurs.
23	SRQD	It ignores SRQ generation.

Option

AC adapter: GF12-US0520
Input: AC100 to 240V
Output: DC+5V 2A
Compliant with RoHS
Note)
In case of purchasing with AC adapter, please order "ZS - 6180AF - AC".

Please download the User's Manual from our website.
http://www.zenisu.co.jp

Specifications and appearance are subject to change without notice due to continual improvements.

Zenisu Keisoku

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