

SMARTDAC+ Paperless Recorder GX/GP Series



The GX/GP series paperless recorders, new lineups from SMARTDAC+™, provide excellent operability through a touch screen similar to mobile information devices, as well as excellent flexibility and expandability for configuring systems. SMARTDAC+ stands for smart data acquisition and control, and it supports a wide range of data acquisition such as production process monitoring and performance evaluation tests.

FEATURES

- Easy and intuitive navigation
 - Easy and intuitive navigation is assured with a touch panel user interface that is similar to those found in the latest tablets and smartphones.
 - With the flick of a finger, users can easily scroll through a waveform image to view past data, just as if they were scrolling through a roll of recording paper (see Figure 1 a)).
 - The resistive touch screen can even be operated while wearing gloves (see Figure 1 b)).
 - With a spreading or pinching multi-touch gesture, users can zoom in or out on a waveform image. (see Figure 1 c)).

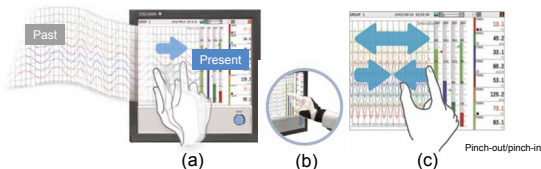


Figure 1 Operation panel

- Recorder configuration with high flexibility and expandability
 - The modular structure allows for increase of inputs/outputs by simply adding modules (see Figure 2).
 - Users can easily configure I/O segments for a specific measurement task.



Figure 2 External view of the modular structure recorders

- Open network
 - The Ethernet, a global standard of a LAN, and the TCP/IP, a global standard communication protocol, are both supported.
 - Enabling both monitoring and configuration to be carried out from Internet Explorer, a general-purpose web browser.
 - FTP*1 support enables all recorder data to be managed through a file server.
 - These recorders also support Modbus*2, so that data can be shared with Modbus-compliant devices (see Figure 3 a)).
- Other functions
 - Snapshots of displayed data can be output directly to printers (see Figure 3 b)).
 - Reports in a specified format can be generated as PDF files.

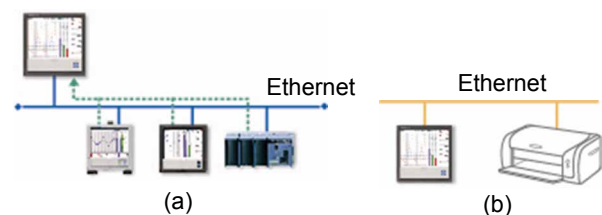


Figure 3 Data communication and printing function

MAJOR SPECIFICATIONS

	GX series	GP series
Configuration	Panel-mount type	Portable type
Display	GX10/GP10: 5.7" TFT color LCD GX20/GP20: 12.1" TFT color LCD	
Number of mountable modules	GX10/GP10: 3 (up to 30 channels) GX20/GP20: 10 (up to 100 channels)	
External storage media	SD memory card (up to 32 GB) (format: FAT32 or FAT16), a 1 GB card is attached USB interface (option): USB 2.0-compliant USB flash memory	
Communication function	Ethernet (10BASE-T/100BASE-TX), FTP client/server functions, Web server function, SNMP client/server functions, DHCP client function, Modbus/TCP client/server functions, etc.	

Contact us:
 To Yokogawa Japan:
<http://www.smartdacplus.com/en/>
 For worldwide locations, please see the back cover.

SMARTDAC+ is a trademark of Yokogawa Electric Corporation. Other brand names in this page are the trademarks or registered trademarks of each company.

*1: FTP: a communication protocol used for file transfer.
 *2: Modbus: a serial communications protocol originally published by Modicon in the US (now Schneider Electric) for connecting industrial electronic devices.