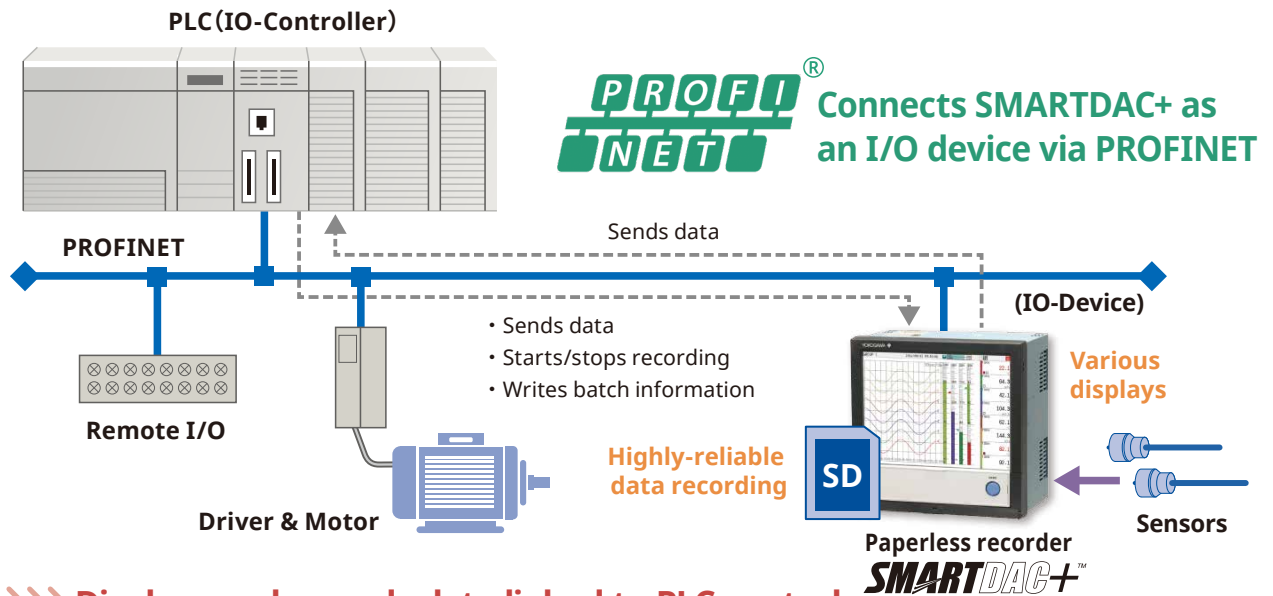


SMARTDAC+, the best-selling paperless recorder (data logger), now supports PROFINET!



>>> Displays and records data linked to PLC control

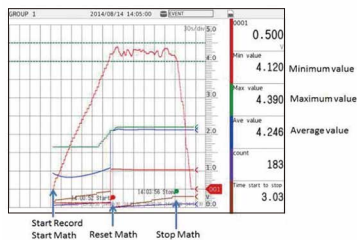
SMARTDAC+ helps data visualization and increasing field data recording.

Seamlessly share acquired high-precision data with PLC

Send/receive data

Send and receive process data without programming

- Measurement channels (temp. sensors/analog input)
- Math channels (max./min., integral values, etc.)
- PLC control values (write to communication channels)



Easy touch panel operation

Easy to communicate with PLCs

Controls SMARTDAC+ with ladder programs. Writes batch information linked to PLC control.

- Recording commands (start/stop, etc.)
- Writes batch information
- Inputs messages (stamp process start/stop)

Save loaded data to SD card



SMARTDAC+'s data integrity is recognized by highly regulated industries

Pharmaceutical



21 CFR Part11

Food



HACCP

Heat treatment



IATF 16949/CQI-9 (Automotive)
Nadcap/AMS2750F (Aerospace)

Energy



Various types of power generation facility
The Energy Conservation Act

Highly flexible and scalable structure to cope with a variety of application

PROFINET module
Mount modules in open slots



SMARTDAC+ GX20 (Rear)

Model	Name	Application	Number of I/O channels
GX90XA	Analog input	Voltage, current, contact, thermocouple, RTD	4 to 10 channels
GX90YA	Analog output	Current output	4 channels
GX90XD	Digital input	Contact, voltage	16 channels
GX90YD	Digital output	Relay contact	6 channels
GX90XP	Pulse input	Pulse signal	10 channels
GX90UT	PID control	Loop control	2 loops



Wide selection of modules

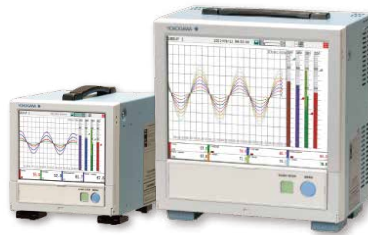
Panel mount type



GX10

GX20

Portable desktop type



GP10

GP20

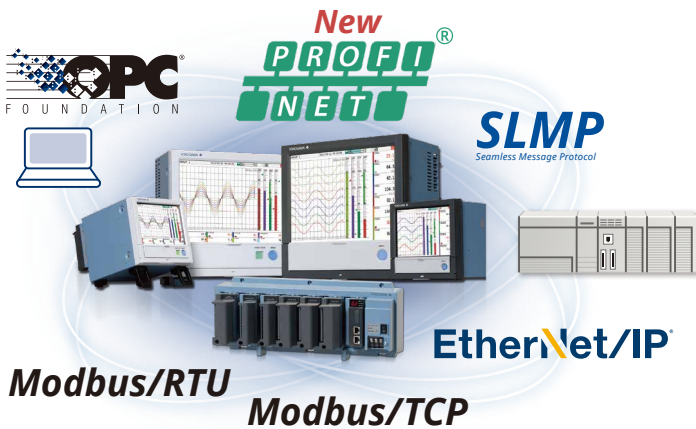
Module type without display



GM10

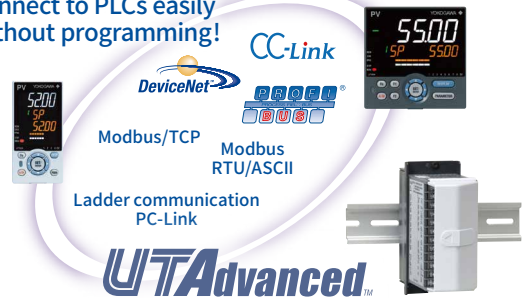
- Modular structure for compact installation
- Ideal for the desktop or in-board installation

Supports a variety of communication protocols



Yokogawa also offers a digital indicating controller that supports a variety of communication protocols

Connect to PLCs easily without programming!



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