✠ **New Products** ✠

SMARTDAC+
Data Logging Software
GA10 Release3.07

SMARTDAC+™

SMARTDAC+ GA10 data logging software running on PCs can connect with devices such as data loggers, recorders, temperature controllers, power meters, Sushi Sensor, etc., and can collect, record, and display data from up to 2,000 channels. The GA10 enables centralized monitoring and recording of multipoint data without introducing expensive high-grade systems. The design of the monitoring screen can be customized by users according to their applications.

Release 3.07 features significantly enhanced functions, including an AI function (Anomaly Detection) to satisfy the increasing scope of customer needs.

MAJOR FEATURES

■ AI detection of anomalies

The AI function learns the normal process values while acquiring and recording data from the normally operating devices, and uses these values to detect an anomaly and predict a potential failure. By applying AI Anomaly Detection to the vibration, pressure, and temperature data from factory equipment, potential equipment failures can be predicted before they actually occur.
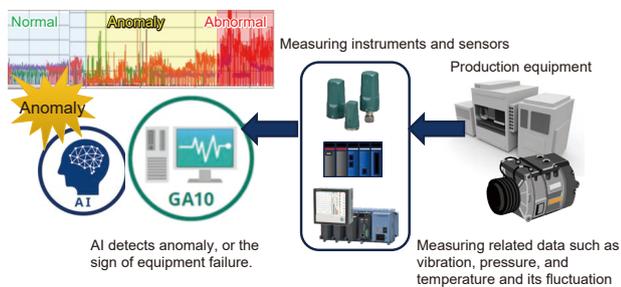

Image of Anomaly Detection

■ GateSushi function

The new release enables data to be acquired via the LoRaWAN gateway, and can display and record data from up to 1,000 Sushi Sensors (wireless vibration, temperature, or pressure sensors). It also features a function that simplifies registration, addition, and replacement of a sensor in the GA10, making engineering tasks easier.

Image of connection with Sushi Sensor

SMARTDAC+ GA10

■ Extensive data monitoring

Custom screen designs can be easily created for extensive data monitoring, such as displaying up to 16 trend graphs on the monitoring screen. The newly added alarm pop-up function shows, as a pop-up, those tags related to an alarm among a vast amount of data, enabling the appropriate tags to be quickly identified when an abnormality occurs.

Image of alarm pop-up

MAJOR SPECIFICATIONS

Item	Specifications
Number of Sushi Sensors to be connected	Max. 1,000
Number of tags	Max. 2,000
Number of math tags	Max. 2,000
Number of clients to be connected to GA10	Unlimited (verified up to 32 clients)
Scan interval	PC time mode: 100 ms to 10 min
Recording interval	100 ms to 10 min (must be an integral multiple of the scan interval)

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