SMART 920
920 MHz band wireless communication instrument series
Lower wiring costs and increase flexibility with 920 MHz wireless communication
Secure 920 MHz wireless network

SMART 920 creates a wireless Modbus RTU connection between SMARTDAC+ systems and UT52A/UT32A controllers. SMART 920 supports installation in areas where traditional cable connections are impossible.

GX20 and GM10 master units and GM10 and UT52A/UT32A slave units. This supports distributed.

SMART 920 Series Lineup

Securely Share

Wireless Monitoring for a Variety of Applications

Storage warehouse door state and temperature monitoring

Monitor the temperature of the warehouse and check whether the door is open right from the office. Customize your display for immediate grasp of conditions.

Monitor Production Line Equipment Operating Conditions

Monitor equipment operating conditions on production lines and other locations with the SMARTDAC 920. You can monitor equipment operating conditions on production lines and other locations. By incorporating computation functions you can tabulate downtime, count system shutdowns, and manage other data, and you can monitor and manage conditions on the master side.

SMART 920 920 MHz band wireless communication instrument series
**GM10**
Wirelessly transmit measurement data from slave to master. The 920 can also function as a repeater.

**UT52A/UT32A**
The multi-function I/O device**1** is ideal for wirelessly monitoring a limited number of items, such as detecting operating conditions and abnormalities. The UT52A is ideal for connecting the I/O with a 10-segment linearizer, square root, or similar function. For a less sophisticated I/O device, the UT32A is recommended.

*1. Comes with PID control or ladder program computation functions and a serial gateway function.

**Important Data**

**Alarm detection**
Alarm detects and alerts when communication is lost

**Remote Monitor Operating Conditions**
The ability to remotely monitor conditions in clean rooms is crucial in industries such as pharmaceutical/bio-tech or food and beverage.

**Energy Monitoring**
Monitor integrated values of watt hours with hourly, weekly, and monthly reports. You can also compare with past data.

**Inside the factory**
Monitor integrated values of watt hours with hourly, weekly, and monthly reports. You can also compare with past data.
### Lineup that supports a variety of applications

#### GX20 Model and Suffix code

<table>
<thead>
<tr>
<th>Model</th>
<th>Suffix Code</th>
<th>Optional code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GX20</td>
<td>-1</td>
<td></td>
<td>Paperless recorder (Panel mount type, Large display) *1</td>
</tr>
<tr>
<td></td>
<td>-2</td>
<td></td>
<td>Large memory (Max. measurement channels: 500 ch) *3</td>
</tr>
</tbody>
</table>

#### GM10 Model and Suffix code

<table>
<thead>
<tr>
<th>Model</th>
<th>Suffix Code</th>
<th>Optional code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GM10</td>
<td>-1</td>
<td></td>
<td>Data Acquisition Module for SMARTDAC+ GM</td>
</tr>
<tr>
<td></td>
<td>-2</td>
<td></td>
<td>Large memory (Max. measurement channels: 500) *4</td>
</tr>
</tbody>
</table>

#### UT52A Model and Suffix code

**UT52A-00B-11-00/MDL**

- **Optional sufix codes**: /MC, /MT
- **Optional features**:
  - /AH: Aerospace heat treatment
  - /AS: Advanced security function
  - /BT: Multi-batch function
  - /C3: RS-422/485
  - /CA: Bluetooth
  - /E1: EtherNet/IP communication (PLC communication protocol)
  - /E2: WT communication
  - /E3: OPC-UA server
  - /E4: SLMP communication (Mitsubishi PLC)
  - /MC: Communication channel function
  - /MT: Mathematical function (with report function)
  - /P1: 24 V DC/AC power supply
  - /PG: Program control function
  - /PH: USB interface (Host 2 ports)
  - /PL: Log scale
  - /P4: Communication channel function

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  - /PL: Log scale
  - /P4: Communication channel function

### Ordering requirements

- Specify either the GX20 or GM10 as the master
- Specify the GM10, UT52A, or UT32A as the slave or repeater device
- Specify a sleeve or rooftop antenna for the wireless antenna

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