

# Product Catalog

## Gateway Device

### Product Model

#### S80-A3-GTZ

### Typical Applications

Environment monitoring for machine rooms or cabinets.



FCC ID: 2AUAG-S80-A3-GTZ

### Technical Specifications

Operating Voltage	DC9~30V
Network Response Time	<500ms
Communication Ports	Upstream: Modbus-TCP Downstream: Zigbee
Transmission Power	≥4.5dBm
Supported Humidity Quantity	65
Oversupply and Overcurrent Protection	Power:30V/500mA , RS485 : 5V/200mA
Operating Temperature	-10 ~ 55 degrees Celsius
Material	Fireproofing ABS
Protection Level	IP20
MTBF	>20000h
MTTR	<1h
Failure rate	0.1%/year
Operating Humidity	5%~95% (no condensation)
Lightning Protection	Power, Ethernet port : 600W surge RS485 : 2KV/1KA
Operating Environment	Indoors
Size	70*105*30mm

### Major Features

- ✓ One gateway can be connected to 65 Zigbee terminal sensors at most.
- ✓ Zigbee terminal management: binding, unbinding and so on.
- ✓ Collect data of humidity, temperature and power level from humidity terminal sensors
- ✓ Collect voltage status of the detection module.
- ✓ Support Zigbee network.

## **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## **FCC Radiation Exposure Statement:**

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.