

AEQ-2831

A Wall-mount 10.4" HMI 48-point Measurement and Control Computer for Automatic Devices



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MOC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories



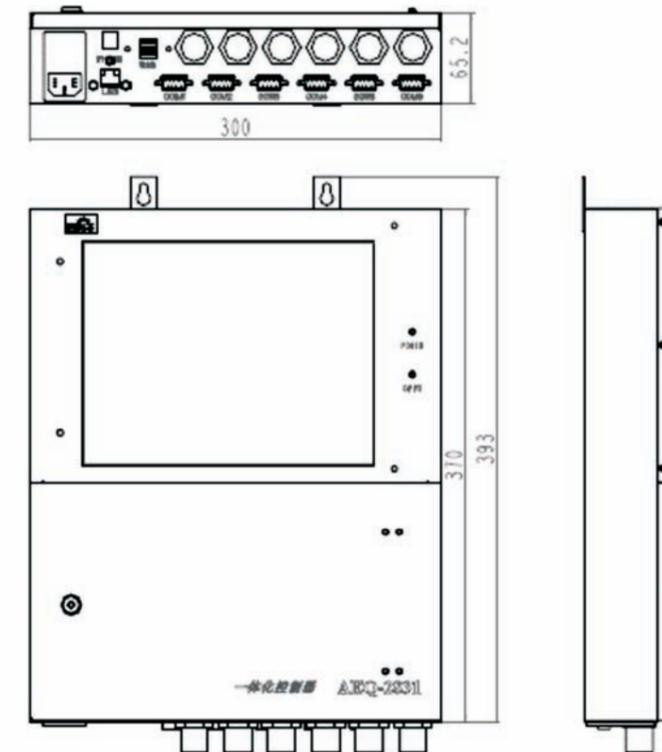
Features

- Wide-temperature, noiselessness, fully embedded wall-mount system design, suitable for industrial applications in harsh environments
- A control system integrating acquisition, control, communication and display
- Isolated 16-channel 16-bit high-resolution analog acquisition
- Isolated 16-channel digital acquisition, to easily monitor the status of industrial equipment
- 16-channel relay output, to directly drive high-power switch load
- Wired communication methods and wireless GPRS/CDMA communication networking function
- Configured with high-brightness touchable 10.4" all-in-one HMI interface
- RISC-based industrial-grade 400MHZ processor
- Flexible configuration software, to fulfill the measurement and control for specific equipment

Specifications

Analog Acquisition Channel	Single-end 16-channel/Differential 8-channel
A/D Resolution	16-bit
Digital Acquisition Channel	Opto-isolated 16-channel
DI Signal Range	TTL~48V (adjust current-limiting resistance)
Relay Output Channel	Opto-isolated 16-channel
Relay's Contact Capacity	5A/30VDC 5A/250VAC
Communication Ports	6 x serial port (2 x RS-232/485), 2 x USB, 1 x 10/100M LAN
Wireless Network	Supports GPRS/CDMA
Data Storage	4G CF card (standard configuration), supporting IDE hard disk
Hardware Configuration	Industrial-grade ARM9 processor
Memory	64MB
Operating System	Windows CE 6.0
Mounting	Wall Mount
Dimensions	370mm x 300mm x 65mm
Weight	5kg
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~60°C
Operating Humidity	5%~90%(non-condensing)

Dimensions



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Ordering Information

Part Number	Model Number	Description
0010-024900	AEQ-2831-01	Full-function wall-mount 10.4" 48-point measurement and control computer/16-channel AD/16-channel DI/16-channel relay output/RISC 400MHz main frequency/6 x serial port/4G CF card/GPRS wireless data transmission/Stand-by storage battery
0010-024910	AEQ-2831-02	Thin-client wall-mount 10.4" 48-point measurement and control computer/16-channel AD/16-channel DI/16-channel relay output/RISC 400MHz main frequency/6 x serial port
0010-024920	AEQ-2831-03	Remote wall-mount 10.4" 48-point measurement and control computer/16-channel AD/16-channel DI/16-channel relay output/RISC 400MHz main frequency/6 x serial port/4G CF card/GPRS wireless data transmission
0010-024930	AEQ-2831-04	Worry-free wall-mount 10.4" 48-point measurement and control computer/16-channel AD/16-channel DI/16-channel relay output/RISC 400MHz main frequency/6 x serial port/4G CF card/Standby storage battery