

SICAM A8000 + SIMATIC HMI

Compact, Flexible Telecontrol and Automation System combined with SIMATIC HMI Panel

www.siemens.com/sicam-a8000

Wherever energy flows

The applications for the SICAM A8000 series comprise distribution automation through connection of renewable energies (wind, solar, hydro) right down to railway power supply and industrial applications.

In combination with SIMATIC HMI Panel the application become even more diverse.

First choice for demanding HMI applications

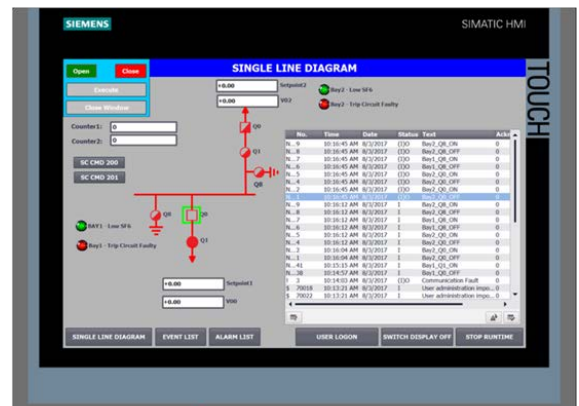
The SIMATIC HMI Panel offers a modern touch-panel-solution based on WinCC and meets all requirements for HMI-applications in harsh environmental conditions.

Unique is the configuration via SIMATIC WinCC in the new TIA Portal, with an unknown engineering efficiency benefit for the users.

Examples of visualization options include on one hand the display of current status messages (In- and Output) of the connected SICAM A8000 modules with graphical form of "LEDs" or switching objects, and on the other hand the logging of information in event and alarm lists.

Highlights

- Scalable from 4" to 22", with touch screen
- High End Performance for demanding HMI applications even in confined spaces
- High screen resolution. performance and functionality
- RTU and panel designed for harsh operating conditions
- WinCC configuration with the new TIA Portal environment



SIMATIC HMI Panel

Modbus TCP/IP
Modbus RTU



SICAM A8000

tailored

Technical specifications

Display

- TFT - color
- Size: 4" up to 22"
- Resolution: 480x272 to 1,920x1,080

Control elements

- Touch operation
- Function keys

Message system

- Number of messages / message classes
2,000 / 32 up to 6,000 / 32
- Process pictures
500 up to 750
- Tags / variables
1,024 up to 4,096

Power supply

- 24V DC

Protocols

- Modbus RTU
- Modbus TCP/IP

Operation system

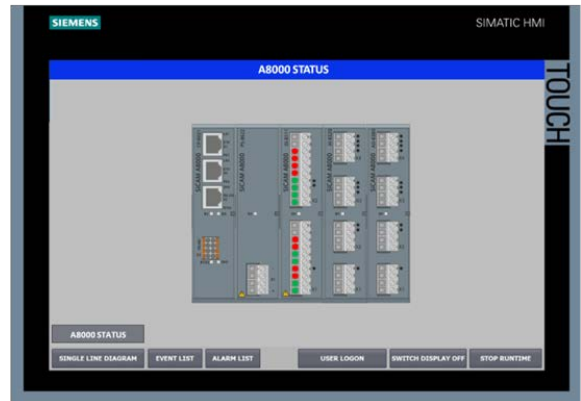
- Windows CE

Language

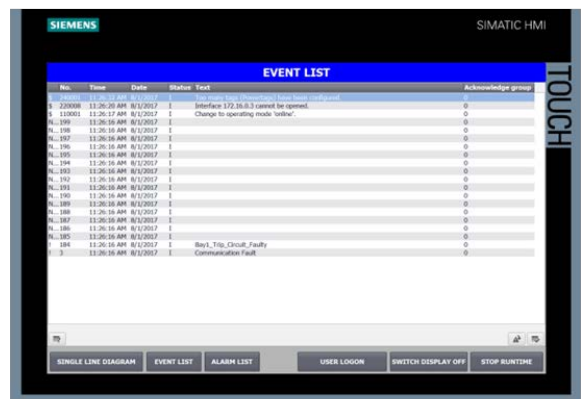
- Multilingual – 32 Languages

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SICAM AB000 modules with „visualized LEDs“



Eventlist

- **Link**
<http://w3.siemens.com/mcms/human-machine-interface/en/operator-devices/advanced-hmi-panel-based/comfort-panels/Pages/Default.aspx>



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For all products using security features of OpenSSL, the following shall apply:

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (www.openssl.org) and cryptographic software written by Eric Young (ey@cryptsoft.com).