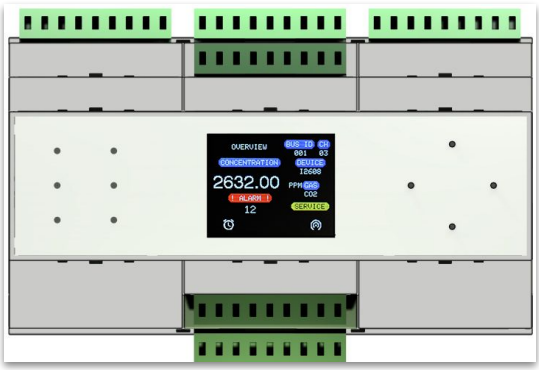
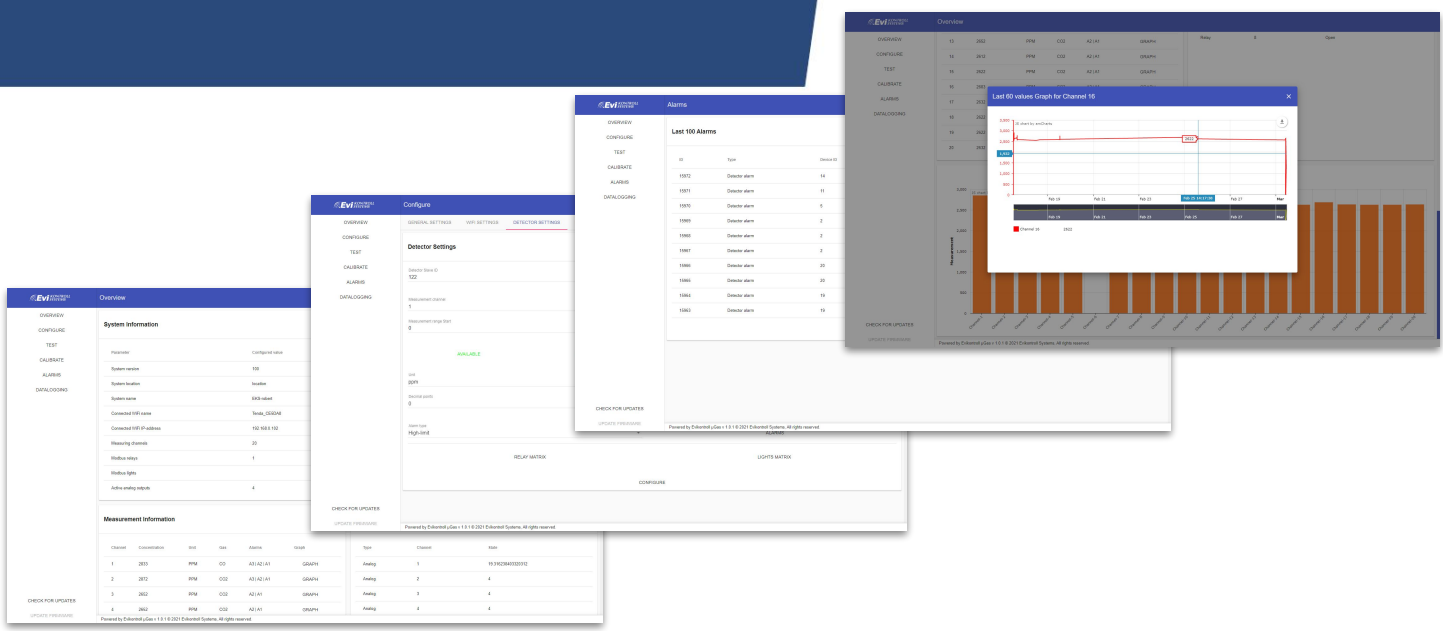
Evikontroll µGas E871C

Gas detection control panel

- Up to 32 transmitters via RS485
- Up to 8 humidity control groups for ventilation control
- 8 x SPDT relays
- 4 x (0) 4-20 mA analog outputs
- 2 x RS-485 ports
- 4 x digital inputs (dry contacts)
- Wired & Wireless Network Connectivity
- 1.8” LCD screen





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Technical details

Power supply	24 VDC / 1.0 A nominal
Dimensions	90x157x58 mm (L x W x H)
Internal memory	30 days
Record saving interval	15 minutes
Events recording	Last 100 events
Outputs	Digital outputs: 8 x 15 A, 230 VAC
	Analog outputs: 4 x 4-20 mA
	Digital inputs: 4 x dry contacts
	COM ports: 2 x RS-485 ports
Measuring channels	Up to 32 independent channels
Humidity control groups	Up to 8 independent groups
	5 humidity transmitters inside and outside
External bus light modules	Up to 32 units configurable via Alarm matrix
External relay modules	Up to 3 units configurable via Alarm matrix
Ambient temperature	-20 to +65 °C
Relative humidity	0-95 %RH
WiFi connectivity	802.11 b/g/n

Supported devices

- E2600 Series
- E7125 Series
- E22xx Series
- E78xx
- EKxx series

Supported protocols

- Modbus RTU

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Evi KONTROLL SYSTEMS

Gas detection control panel Evikontroll µGas

The first-generation µGas control device is designed as a separate device with the possibility of mounting on a DIN rail on a wall or in a control cabinet. It is used to control up to 32 gas transmitters via RS-485 network.

For each transmitter individually it measures the gas leakage in three levels and evaluates information about failures for each given transmitter or the entire system. (Fault, Alarm levels 1 - 3, Over- and under range alarms, TWA, STEL)

The control device also allows users to control ventilation based on humidity by configuring up to 8 independent groups of inside and outside sensors where up to 5 independent devices can be configured.

The status of all transmitters are indicated on the controller LCD display. The controller relay modules can be expanded by utilizing E7125-8R Series relay modules which can be easily configured via alarm matrix.

User can utilize controller interactive LCD screen with 4 buttons to configure and control device settings. Device settings can also be downloaded to PC / mobile phone by utilizing device internal web server for backuping project settings.

User is able to control, configure and test relays on request by also utilizing the controller fully functional web server which allows easier maintenance, calibration and configuration from smartphone or PC while the device is connected to an existing WiFi network or users device is connected to the controller WiFi network.

By utilizing modern web technologies controller allows the user to save its webpage as an web app so that users can access the controller web server easily straight from the device home screen. The web pages are fully supported by all web browsers and are mobile friendly by adapting device screen sizes on request.

Web interface is also with modern graph engine which allows the user to download logged data graphs or see measured values real time and annotate generated graphs on screen to download the modified picture of added modifications or data in CSV format.

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