

Ernitec EIP820

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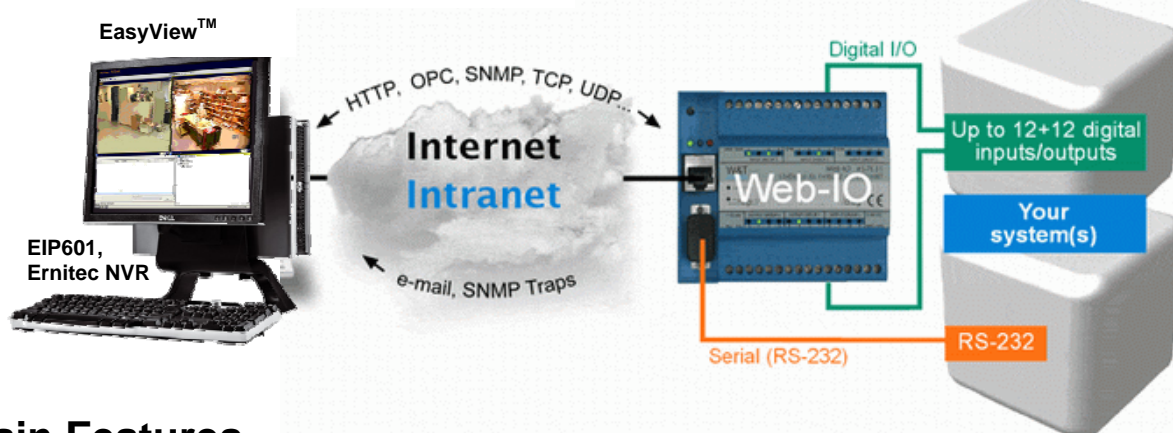
Description

The new digital I/O COM-Server from Ernitec can communicate with analog units through the Internet. The I/O COM-Server is connected directly to the Ethernet. This makes it possible to send and receive analog data from any computer with a Ernitec EasyView™ application that is connected to the Intranet or Internet.



The EIP820-C12-S232 supports 12 input and 12 output connections. The unit is mounted on a standard top hat rail.

Like the configuration of the device, the reading and/or control of the input/output ports is done via a Web browser.



Main Features

- Network connection:
 - 10/100BaseT autosensing, RJ45
- Web-based management
- 6 V - 30 V digital industry-standard outputs
 - Current-supplying FET
 - 12-bit at 0.5A each, grouping of 2 or 4 possible in order to increase switching current
 - Short-circuit-protected by virtue of thermal safety fuse
 - Programmable logic functions
- Digital industry-standard inputs
 - Type 1, current-consuming in accordance with IEC 1131-2
 - Galvanically isolated into 3 groups
 - Protected against polarity reversal
 - Counter inputs for events (pulse width min. 1 ms)
 - 4 alarm conditions for SNMP traps and e-mail

Technical Data for Ernitec EIP820-C12-S232

Network	10 / 100BaseT autosensing
Protocol	TCP og UDP sockets, client and server SNMP inclusiv traps SMTP e-mailing OPC server Inventory keeping, group management
Response times	Data og switching traffic: typically 12 ms
Digital outputs	1 group 12 x digital output 6V - 30V, 500mA Grouping of 2 or 4 outputs Max group current 2 A Max total current 6 A Short-circuit-protected
Digital inputs	12 x digital inputs Max. input voltage +/-30 V Protected against polarity reversal within this range Switching threshold 8V +/- 1V "On" current = 2.2 mA
Connections	2 x 16 screw-type terminales
Galvanic isolation	Digital outputs - network: min. 1000 V Digital inputs - network: min. 2000 V Digital inputs - outputs: min. 1000 V
Com-Server functions	
Serial port	1 x RS232 interface DB9 connector
Baud rate	50 to 57,600 baud
Data format	7,8 data bits, 1,2 stop bits No, Even, Odd parity
Flow control	Hardware handshake or XON / XOFF protokol
Displays	Status LED for network 24 LED for digital status
Operating elements	1 hidden resetbutton
Power Supply	12-24V AC/DC (approx. 100mA@24V, approx. 200mA@12V)
Operating temperature	-25°C - 70°C
Storage temperature	0°C - 60°C
Housing	Plastic housing for top hat rail installation 106.8 x 87.8 x 62.6 (L x W x H)
Weight	approx 250 g
Delivery	1 x Web-IO 12xDigital with RS232 Com-Server functionality 1 x Quick Guide 1 x W&T product CD Power supply and other accessories can be ordered seperately



Denmark Head Office

Ernitec A/S
Hørkær 24
2730 Herlev
Denmark
Phone: +45 44 50 33 00
Fax: +45 44 50 33 33
info@ernitec.dk
www.ernitec.com

French Branch Office

Ernitec France SARL
N° 29 Parc Club du
Millenaire
1025 Rue Henri Becquerel
34036 Montpellier cedex 1
France
Phone:+33 (0) 467151015
Fax:+33 (0) 467640181
info@ernitec.fr
www.ernitec.com

German Branch Office

Ernitec GmbH
Stormannring 28
22145 Stapelfeld
Germany
Phone:+49 (0)(40)6756250
Fax:+49 (0)(40)67562525
info@ernitec.de
www.ernitec.com

UK Branch Office

Ernitec UK
Columbia House
Columbia Drive
Worthing
West Sussex BN13 3HD
UK
Phone:+44 (0)1903263125
Fax:+44 (0)1903263126
info@ernitec.co.uk
www.ernitec.com

Middle East Office

Ernitec ME
Hamra - Makdesi Street
Younis Center - 5th floor
Office no. 503
P.O.Box: 113/5721
Beirut
Lebanon
Phone: +961 1 751 796
Fax: +961 1 751 795
info@ernitecme.com
www.ernitecme.com