

Monitoring and Control with Ethernet TCP / IP

cLAN



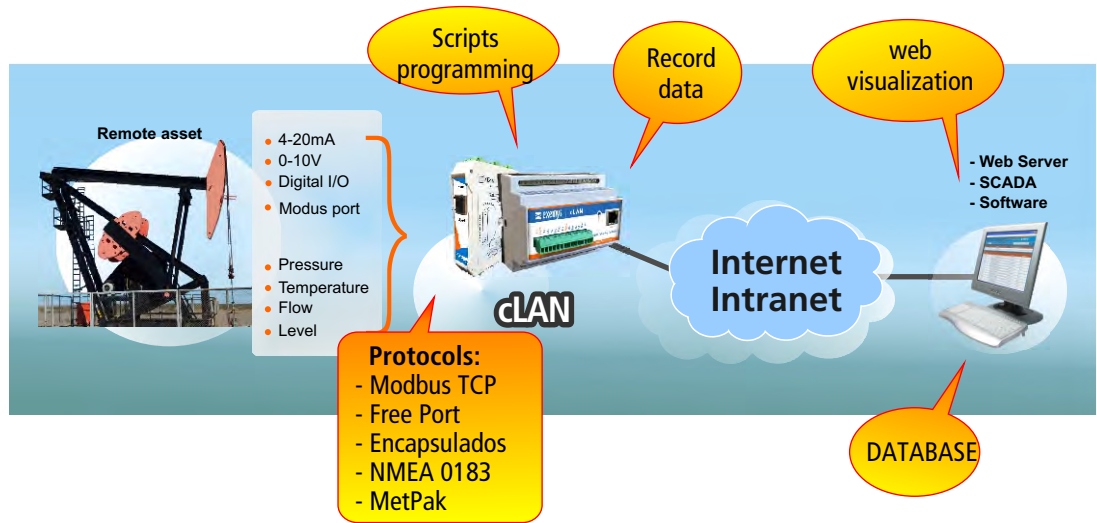
The cLAN helps control and upervise any kind of equipment from distance, be it a control system or process system facilitating the implementation of the remote telemetry systems.

Additionally it includes the possibility to load a text script to perform internal logics.



Control and monitoring device with Ethernet interface

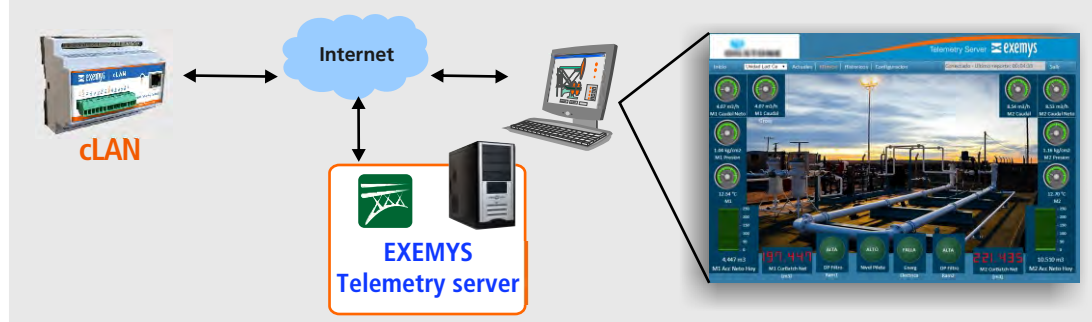
★ GENERAL SCHEME OF OPERATION



★ GENERAL FEATURES

- Ethernet Port.
- Digital Inputs and Outputs
- Pulse count inputs
- 0-1V, 0,10V, 4-20mA Analog Inputs
- Time stamped Data Logging
- Logic control using SCRIPT programming
- Modbus TCP and Serial slave for direct SCADA connection.
- NMEA 0183 and MetPak (Gill Instruments) support
- Free Port (user protocol parsing using script programming)
- Satellite module antenna (optional)
- FTP client to send logged data
- I/O expansion using embedded Modbus Master
- Transparent remote Access to serial port.

★ EXEMYS WEB TELEMETRY SERVER COMPATIBLE





TECHNICAL SPECIFICATIONS



- Protocols:** Modbus Serial Master/Slave, Modbus TCP Slave, xField, Iridium SBD, NMEA 0183, MetPak (Gill Instruments), Free Port (User protocol parsing using script programming)
- Serial Port:** Up to 2 ports R S (simultaneously)
- Ethernet:** 10/100 Mbit Port.
- Digital I/O:** Inputs: NPN Sinking, 3,5 a 28 Volts DC, 1 a 11 mA max. Outputs: NPN Sourcing, Open collector, 3 to 45 Volts DC, 130 mA max.
- Analog Inputs:** 0-1Vdc, 0-10Vdc, 4-20mA
- Pulse count Input:** Fmax=1KHz, Pulse = 0.5ms min
- Data Logging:** Non-Volatile memory to store records and events. Real time clock
- Configuration:** Local and Remote using the Ethernet port
- Indicators:** Power, State and Link LEDs
- Power Input:** +10 to 30 Volts DC, 190mA@12Vdc Max., 100mA@24Vdc Max
- Dimensions:** 85 x 105 x 60 mm (Height x Length x Width). Weight: 150gr (Models: 3524 - 1520)
 100x22.5x112mm (Height x Width x Length). 100g. (Models: 1205 - 2205)
- Operation Temperature:** -15 to 65 °C.

AVAILABLE MODELS

Part NUMBER	ETHERNET PORT	SERIAL PORT	DIGITAL INPUTS	DIGITAL OUTPUTS	ANALOG INPUTS
CLAN-1205-XF	10/100 Mbit	2 Ports: 1x RS232 + 1x RS485/422 Asilado	---	---	---
CLAN-1520-XF	10/100 Mbit	2 Ports RS232/485	---	---	---
CLAN-2205-XF	10/100 Mbit	2 Ports 1x RS232 + 1x RS485/422 Aislado	10 Configurables (10 for pulses)	---	---
CLAN-3524-XF	10/100 Mbit	2 Ports RS232/485	16 (8 for pulses)	8	8 0-1V, 0-10V, 4-20mA



SISTEMA DE GESTIÓN ISO 9001:2008



GESTION DE LA CALIDAD

RI-9000-6174



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Measurement and data acquisition solutions

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