

Remote control gateway

RILHEVA II





OVERVIEW

Rilheva II is the new and innovative telemetry device entirely designed and developed by **Xeo4** to meet the monitoring needs of unattended industrial remote plants.

System:	CPU ARM 9 i.Mx25 @ 400 MHz
OS:	Linux 2.6.31
RAM Memory:	64MB DDR2-266
FLASH Memory:	256MB NAND Flash
Power Supply:	9-36Vdc (12-24Vac +/-10%)
Absorption:	~5W (Max 150mA @ 24Vac)
Operating Temperature:	-20 / +60 °C
Display:	3.5" Color TFT Touch Screen 320x240 pixel (optional)
Comands:	1 reset pushbutton
Signaling:	1 tri-color STATUS led 1 NET led 1 FIELD led
Modem:	4band GSM/GPRS (3G optional)
SIM CARD slot:	push-push type
Additional Slot I:	mini PCIe for optional expansion (wifi / zigbee / GPS)
Additional Slot II:	proprietary slot
Antenna:	2G/3G SMA-F magnetic omnidirectional - 2,5 m cable (WLAN/GPS optional)
Case:	Plastic 6 DIN modules
Comm Ports:	4 serial ports (2 x RS232, 2 x RS485) 1 RS232 Terminal Linux 2 Ethernet 10/100 full duplex 1 USB OTG 1 USB DEVICE 1 micro SD card 1 CAN bus
Watchdog :	hardware
Firmware upgrade:	cable or wireless (Over the air)
Real Time Clock (RTC):	embedded with backup battery
Power Failure:	1 Digital Input
Acoustic Signaling:	1 buzzer
Expandability:	serial and ethernet additional I/O Modules