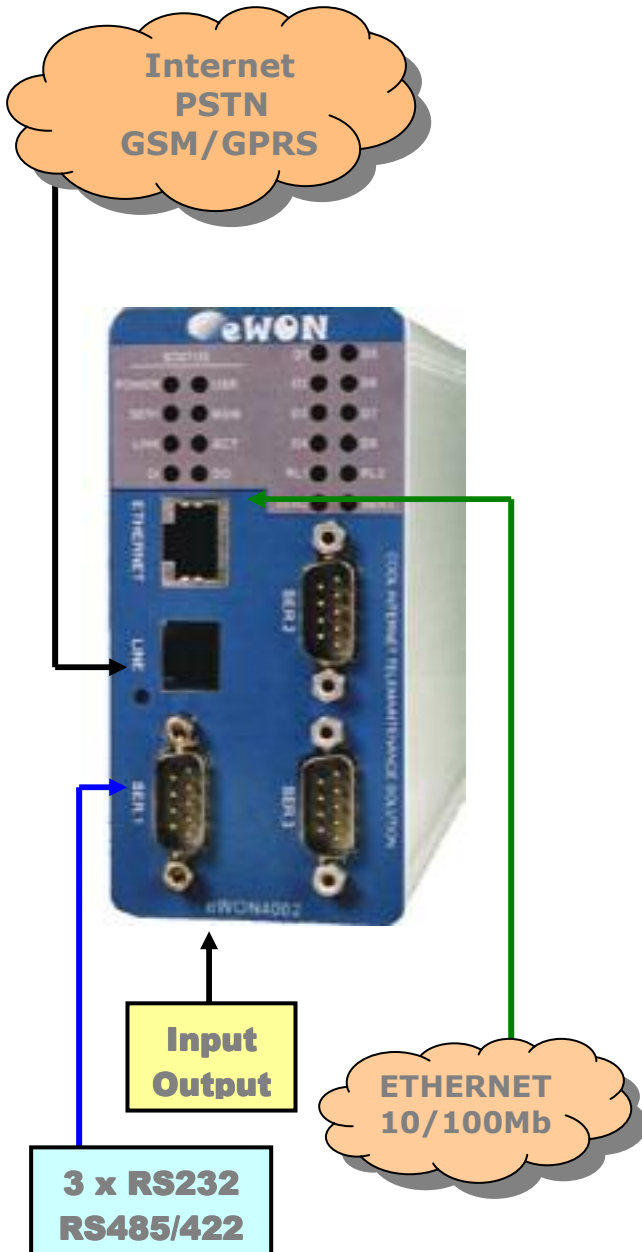


## Internet and IP RTU



### PLC Remote Maintenance

- Schneider TSX Premium & Micro with UniTelWay
- Schneider TWIDO with MODBUS RTU
- Schneider Momentum & Quantum with MODBUS TCP/RTU
- Wago I/O modules with MODBUS TCP/RTU
- Siemens S7-300/400 with MPI (via eLINK)
- Allen Bradley with DF1
- Any PLC/Equipment with Ethernet TCP/IP or MODBUS

### Remote Service

- Data Acquisition with UNITE, MODBUS, DF1, MPI
- Data logging in internal data base
- Alarms on limits to be configured
- Notification by email, SMS, FTP put and SNMP trap
- Report emission (maintenance, worked time...) preconfigured in Word, Excel, Html, CSV
- Remote HMI (Light Client) by browser, PDA...
- System and user defined Web pages

### Remote Control

- Data retrieval in data base via FTP
- Applications in ASP mode
- SCADA or supervision software

### RAS modem, IP Router

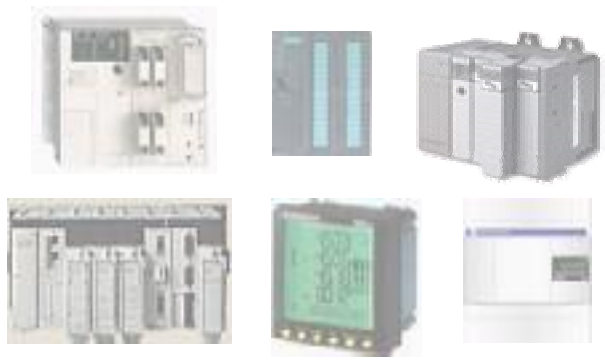
- PPP remote access with PAP, CHAP support
- Embedded firewall, NAT
- IP address filtering
- TCP/IP routing table
- Classical point to point callback
- Internet callback

### Configuration

- By embedded system Web pages
- FTP files upload and download

### Characteristics

- 9 x digital inputs counters
- 4 x analog inputs, 4-20mA or 0-10V, 12 bits
- 2 x PT100 inputs
- 2 x digital outputs (dry contact relay)
- Ethernet port 10/100Mb
- Embedded modem in option: PSTN or GSM/GPRS
- 3 serial ports :
  - 1 x SUBD9 serial port: RS232, RS422 or RS485 (isolated)
  - 1 x SUBD9 serial port: RS232, RS422 or RS485
  - 1 x SUBD9 serial port: RS232, full modem control





<b>Remote Maintenance</b>	PLC point to point RAS or Internet remote access: <ul style="list-style-type: none"> <li>- Premium &amp; Micro with PL7pro</li> <li>- Twido with Twidosoft</li> <li>- S7-300 and S7-400 with Simatic Manager STEP7 (via eLINK)</li> <li>- Momentum and Quantum with Concept</li> <li>- Allen Bradley with RSLogix</li> </ul> and any PLC / device / equipment with TCP/IP
<b>Remote Service</b>	Data acquisition in MODBUS RTU, MODBUS TCP, UniTelWay, DF1, MPI (via eLINK) & serial ASCII Protocol Alarms management, Basic programming, custom Web pages, reporting...
<b>Data Logging</b>	Internal data base for data logging (Real-time logging and historical logging up to 120.000 points). Retrieval of the data base with files transferred by FTP or email
<b>Alarms</b>	Alarm notification by email, SMS, FTP put and/or SNMP trap Available standard limits to configure: Very Low, Low, High, Very High + Dead zone and activation delay Alarm summary and historian available in HTTP and via FTP files transfer Alarm cycle management: ALM, RTN, ACQ and END
<b>MMI</b>	HTTP: System and user defined Web site SNMP: The variables can be read/written FTP: Whole set of parameters are available in files
<b>Call back</b>	Call back on user request or on amount of rings Direct or Internet call back (supports dynamic DNS)
<b>Firewall</b>	IP filtering
<b>Script</b>	Dedicated application to be programmed with the Basic language
<b>Router</b>	IP forwarding, NAT, port forwarding and routing tables
<b>Internet</b>	RAS connection (PPP), PAP/CHAP security. Data compression, ISP connection (Internet Service Provider) primary and secondary, supports DNS
<b>Synchronization</b>	Embedded real-time clock, manual setup via http or automatic NTP setup
<b>File Management</b>	FTP client and server for configuration and data transfer
<b>Web Site</b>	Security: DAA and session control. HTML standard supports all of the PDA browsers. eWON system and user Web site (up to 3Mb). SSI technology (Server Side Include) and BASIC scripted ASP (Active Server Pages)
<b>Maintenance</b>	SNMP V1 with MIB2 and/or via FTP files
<b>Material</b>	ARM processor @75Mhz, 8Mb SDRAM, 8 Flash, Din Rail Mounting Power supply 12-24 VDC +/-20%, SELV ; Consumption: 3 to 6 watts (modem) depending 3 x SUBD9 serial ports 1 x RJ45 Ethernet 10/100 BaseTX ; 1,5kV isolation 9 x digital inputs: 0/24VDC ; 3,5kV isolation 2 x digital outputs: relay ; 1kV isolation 1 x digital outputs : open collector 300mA@30VDC 4 x analog inputs: 4...20 mA or 0...10V (12bits) 2 x analog inputs PT 100, 2 wires, 12bits, range 0°C to 100°C Embedded modem: PSTN V34 or GSM/GPRS Operating Temperature range: 0° to 50°C, 80% humidity (no condensation) Dimensions : 120(Depth) x 105(Height) x 51(Width) mm; Weight : <450gr CE and UL labelled

## Product Reference

Reference	Description
EW42201	eWON 4002 Ethernet
EW42202	eWON 4002 PSTN modem
EW42205	eWON 4002 GSM/GPRS modem

Distributor :

List of local distributors & partners available on [www.ewon.biz](http://www.ewon.biz)



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