


eurogard ServiceRouter V3 WLAN/LTE: ER 1501-W/LTE

Features	
	Secure access
	Easy management of your connections and fast administration
	Protocols for your data acquisition: <ul style="list-style-type: none"> <li>- OPCUA</li> <li>- Siemens S7 ISO-on-TCP</li> <li>- Modbus TCP or RTU via adapter USB interface</li> <li>- BACnet</li> </ul>
	Node-RED package with connection to many fieldbus protocols, web services and internal dashboard
	Internal data logger with MySQL database
	Cloud and IIoT ready
	VPN server or VPN client
	Integrated messaging system via e-mail, WebSMS and SMS
	WLAN as ACCESS-Point or WLAN-Client allows for wireless programming at the machine, or log in of the Router into the target network via WLAN.
	LTE module enables wireless access

Technical specification:

Dimensions and weight	
Depth	168 mm
Height	178 mm
Width	50 mm
Weight	744 g

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<b>Temperatures and humidity</b>	
Storage temperature	5 – 50 °C
Operating temperature	5 – 50 °C
Humidity	Non-condensing

<b>Certifications and approvals</b>	
RoHS	Yes
CE	Yes

<b>Voltage supply</b>	
Voltage supply	12 – 30V DC
Power consumption	6 - 10W

<b>Technical data</b>	
RAM	2 GB DDR3-RAM (optional 4 GB)
Processor	4 x 1 GHz core with 64 bit, 2 MB L2 cache
Hard disk	16 GB SSD (optional as RAID1 incl. 2 SSDs)
Housing	Metal

<b>Hardware interfaces</b>	
Gigabit Ethernet	3x (each configurable for Internet/customer network or local network/switch PLC)
USB 3.0	2x
RS232	1x
digital inputs 24VDC	3x
digital outputs 24VDC	2x
LEDs	Status, error, operating, WiFi

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Plug connection	Power supply 4-pin
Switch	VPN-switch
SIM-card slot	1x
Mounting	DIN-rail mounting

Software interfaces	
Fieldbus side	Modbus, S7-ISO-on-TCP, OPC-UA, BACnet
User side	E.g. MQTT, REST

Mobile communication and WiFi	
LTE (FDD)	B1,B2,B3,B4, B5, B7, B8,B20
DC-HSPA+/HSPA+/HSPA/UMTS	B1,B2,B5,B8
EDGE/GPRS/GSM	850/900/1800/1900 MHz
Upload DC-HSPA+ / LTE FDD	5,76 Mbps / 50 Mbps
Download DC-HSPA+ / LTE FDD	42 Mbps / 150 Mbps
WiFi	802.11 b/g/n; Access-Point, WAN-Client

