


eurogard ServiceRouter compact WLAN/LTE: ER 1301-W/LTE

Features	
	Remote maintenance of machines and plants
	Hardened Linux software module
	OpenVPN: VPN solution with certificate and personalized keys
	Convenient user administration with online monitoring
	Preset firewall allows only secured VPN and SSL-encrypted communication by default, but is extensible and customizable via own rules
	Protocols for data acquisition <ul style="list-style-type: none"> - OPCUA - Siemens S7 ISO-on-TCP - Modbus TCP or RTU via adapter USB interface - BACnet
	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
	Cloud-Services via Cloud Connector

Technical specification:

Dimensions and weight	
Depth	90 mm
Height	98 mm
Width	52 mm
Weight	252 g

eurogard ServiceRouter compact WLAN/LTE: ER 1301-W/LTE

Temperatures and humidity	
Storage temperature	5 – 50 °C
Operating temperature	5 – 50 °C
Humidity	Non-condensing

Certifications and approvals	
RoHS	Yes
CE	Yes

Voltage supply	
Voltage supply	18 – 32V DC
Power consumption	4W

Hardware interfaces	
Ethernet	2x (each configurable for Internet/customer network or local network /Switch SPS)
USB 2.0	1x
LEDs	Status, error, operating, WiFi, 4G
SIM-card slot	1x
Plug connection	Power supply 2-pin
Switch	VPN-switch
Mounting	DIN-rail mounting

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

eurogard ServiceRouter compact WLAN/LTE: ER 1301-W/LTE

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

