


## eurogard ServiceRouter compact WLAN: ER 1301-W

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"> <li>- OPCUA</li> <li>- Siemens S7 ISO-on-TCP</li> <li>- Modbus TCP or RTU via adapter USB interface</li> <li>- BACnet</li> </ul>
	Cloud and IIoT ready
	VPN-Server or VPN-Client
	Integrated messaging system via e-mail, WebSMS
	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.
Cloud-Services via Cloud Connector	

### Technical specification:

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

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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
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

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<b>WiFi</b>	
WiFi	802.11 b/g/n; Access-Point, WAN-Client

