

# WLAN Router EBW-W100

Transmission technology

Type	UMTS/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
Switch cabinet serial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Switch cabinet network	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop Devices	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
19" rack						<input type="checkbox"/>	<input type="checkbox"/>
embedded modules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Industrial WLAN Router

The industrial high-speed router EBW-W100 enables secure wireless connections between local and remote networks.

EBW-W100 decouples manufacturing cells with remote access from the surrounding company IT for example. Also many sub-networks with identical local IP addresses can be distinguished and addressed targeted.

A firewall and integrated VPN (OpenVPN, IPsec) provide data security.

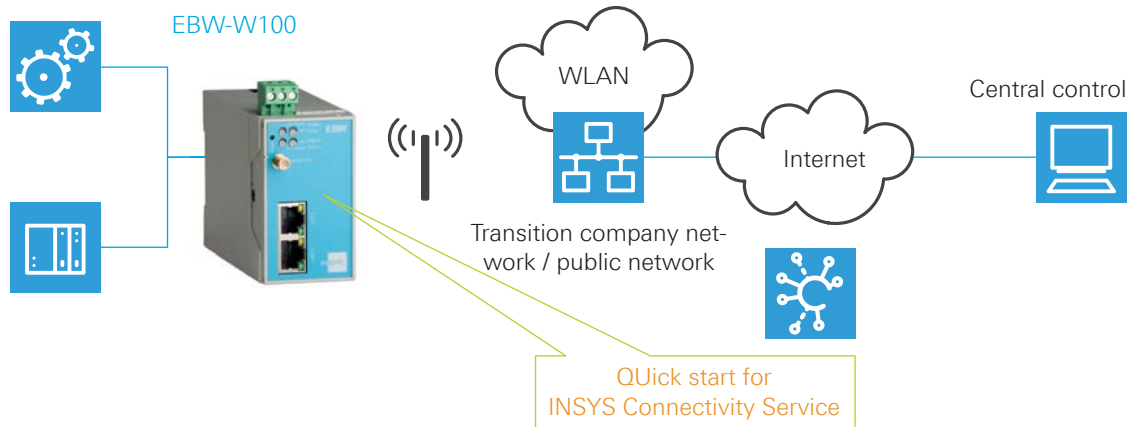
EBW-W100 is prepared for the INSYS Connectivity Service VPN service. The device can be integrated into a VPN quickly and easily in two steps only using the quick start wizard. The router gets all necessary data and certificates automatically with this.

## Features

- WLAN router (WLAN station)
- Security via VPN
- Netmapping for machines and plants
- 2 LAN ports
- Quick start for INSYS Connectivity Service

## Applications

- Manufacturing cell decoupling
- Mobile device connection
- Secure remote maintenance in customer network
- Access to a control network from PLC, HMI, data logger
- Remote desktop
- Video monitoring
- Information/advertising displays



## Technical Data

### EBW-W100

<b>Router</b>	
Function	Connection management, DHCP server and client, Full NAT (port forwarding, netmapping), DNS relay, dynDNS support, SNMP, NTP client and server, buffered real-time clock
Security	OpenVPN (client and server), IPsec, PPTP, MAC firewall, link loss detection failed login detection, GRE
Redundancy	2 OpenVPN server targets
<b>WLAN communication</b>	
Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
mode	Infrastructure WLAN station (Access Client)
Security	WEP, WPA/WPA2 (AES, TKIP). 802.1X (EAP: TLS, TTLS, PEAP)
Antenna	Reverse SMA
<b>LAN</b>	
Ports	2 x RJ45
Operating mode	10/100 MBit/s for full and half duplex operation
Function	Automatic detection of patch cable / cross-over cable, automatic speed adjustment; MDI/MDI-X
<b>Messages</b>	Hardware watchdog, system messages via e-mail, SNMP traps, SNMP V1/V2c/V3
<b>Additional features</b>	Update of firmware and configuration (local and remote), daily auto update
<b>Supply</b>	
Voltage	10 ... 48 V DC ( $\pm 20\%$ )
Power consumption (during connection)	approx. 2 W (logged in), max. 3 W (during connection)
<b>Physical features</b>	
Dimensions (L x W x H)	110 x 45 x 75 mm
Operating temperature	-30...+70 °C -30...+85 °C under limited conditions (refer to <a href="http://www.insys-icom.com/restricted">www.insys-icom.com/restricted</a> )
Humidity	0...95% (non-condensing)

Product Description	Features	Order number
EBW-W100 1.0	WLAN Station	10015750

Establishing VPN connections  
easy and secure.

With the INSYS Connectivity Service!

[www.insys-icom.de/connectivity](http://www.insys-icom.de/connectivity)



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