

VPN HSPA CELLULAR RADIO ROUTER EBW- H100

Item No.: 422.440



DESCRIPTIONS OF FUNCTIONS

The EBW-H100 is an industrial router that allows a secure connection between local and distant networks via the ultra fast HSPA wireless standard. Both the built-in firewall and the ability to connect via VPN or IPsec, ensure the security of data. Dial-in and Dial-out functions facilitate remote maintenance of devices in the network.

The EBW-H100 can be used as remote access point for remote control of the grid feed-in management for example, for the purpose of direct marketing.

TECHNICAL DATA

Mobile communication:

Networks	2G: 900/1.800 MHz; CSD, GPRS/EDGE Class 12 3G: 850/800, 900, 1.900, 2.100 MHz; UMTS, HSDPA, HSUPA
Antenna connection	SMA
SIM	1 slot for Mini-SIM card

Router:

Function	Dial-In, Dial-Out, Callback, 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, 10 users for Dial-In, authentication via PAP/CHAP/MS-CHAP/MS-CHAP 2, Linkloss detection, Failed Login detection, GRE
Redundancy	2 dial-out targets, 2 OpenVPN servers

Switch:

Ports	2 x RJ45
Operation 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

Configuration:

web interface lokal and remote, text- und Binary file, automatic updates.

Messages:

Hardware watchdog, system messages via e-Mail, SNMP Traps, SNMP V1/V2c/V3

Power supply:

Voltage	10 ... 48 V DC ($\pm 20\%$)
Power consumption (during connection)	approx. 2 W (logged in), max. 5 W (data transmission)

Physical Characteristics

Dimensions (WxHxD)	45 mm x 75 mm x 110 mm
Operating temperature	-30 ... 60 °C
Humidity	0 ... 95 % (non-condensing)