

VPN HSPA router EBW-H100



Transmission technology

Shape	UMTS/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
DIN-Rail serial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIN-Rail network	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19" rack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>

Mobile access to Ethernet devices

The industrial high speed router EBW-H100 combines a modem and a router in one device. It connects to the internet over mobile networks (3G/HSPA, GPRS/EDGE).

The dial-in and dial-out functionality enables remote maintenance and operation of devices in an Ethernet network.

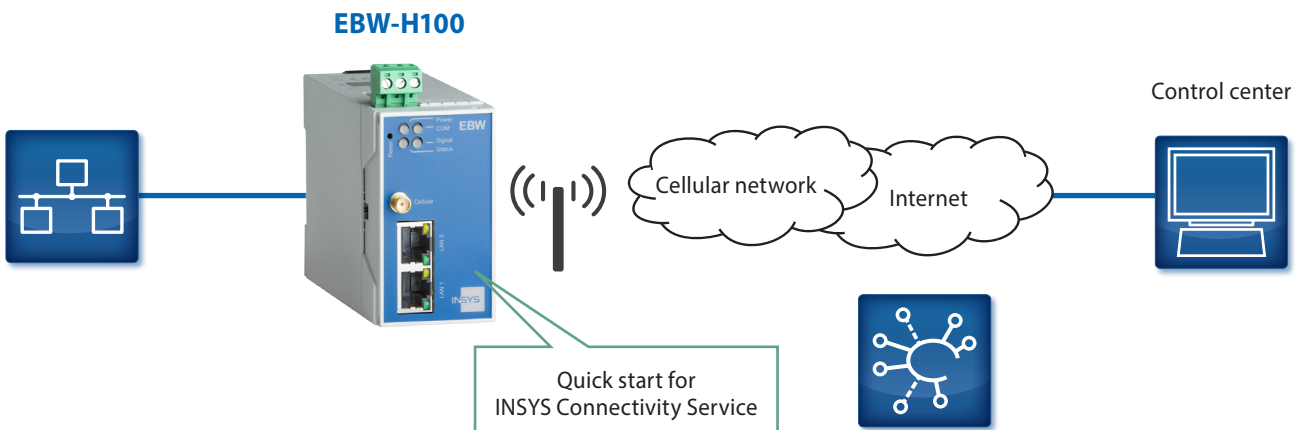
A firewall and integrated VPNs (openVPN, IPsec) care about data security..

Features

- Broadband 3G/HSPA
- Dial-in and dial-out router
- Integrated communication module
- VPN security
- 2 local Ethernet ports
- Prepared for INSYS Connectivity Service

Applications

- ◆ Access to control network with PLC, HMI, data logger
- ◆ Modem substitute for devices with Ethernet interface
- ◆ Remote desktop
- ◆ Video monitoring
- ◆ Displays



Technical Data

EBW-H100

Mobile Kommunikation

Networks	2G: 900/1,800 MHz; GPRS, EDGE Class 12 3G: 850/800, 900, 1.900, 2.100 MHz; UMTS, HSDPA, HSUPA
Antenna	SMA connection
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
Safety	OpenVPN (client and server), IPsec, PPTP, MAC fi rewall, 10 user for dial-in, authentication over PAP/CHAP/MS-CHAP/MS-CHAP 2, dial filter for dial-out, linkloss detection, failed login detection, GRE
Redundancy	2 dial-out targets, 2 OpenVPN server targets

LAN

Ports	2 × 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

Messages Hardware watchdog, system messages via e-mail, SMS and SNMP traps, SNMP V1/V2c/V3

Additional features Update of firmware and configuration (local and remote), daily auto update

Supply

Power supply	10 ... 48 V DC (± 20%)
Power consumption (during connection)	approx. 2 W (logged in), max. 5 W (during connection)

Physical features

Dimensions (L × W × H)	110 × 45 × 70 mm
Operating temperature	-30 ... +60 °C -30 ... +75 °C under limited conditions (refer to www.insys-icom.com/restricted)
Humidity	0 ... 95% (non-condensing)

Ordering information

Product Description	Features	INSYS-Order number	Weight
EBW-H100 1.0	3G/HSPA	10014545	135 g

Manufactured by:

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