

Ewon Flexy expansion card Mobile radio 4G LTE



- Expansion card for Ewon Flexy base modules
- Mobile radio card for GSM, 2G/GPRS, 3G/UMTS/HSUPA, 4G/LTE

<https://www.wachendorff-prozesstechnik.de/en/FLB320A-8-9>

Description

This expansion card for the Ewon Flexy base modules provides a mobile radio interface for the Ewon Flexy's Internet access. The router uses this interface to establish the connection to the Internet. The best available network (4G/LTE, 3G/HSUPA/UMTS, 2G/GPRS) is used. The VPN tunnel is then established or e-mails are sent via this route, for example. Sending and receiving SMS is also supported.

Please select the appropriate card for the respective region and compare it with the frequency bands of specific countries and mobile phone providers:

FLB320A Europe (band 1, 3, 7, 8, 20, 28)

FLB3208 USA AT&T (Band 2, 4, 5, 12, 13, 14, 66, 71)

FLB3209 APAC (Band 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, 41)

The 4G/LTE expansion card for Europe (FLB320A) has a second antenna connection for antenna diversity, which improves the reception quality when using an optional second antenna.

Supported frequency bands: FLB320A Europe
UMTS/HSUPA: 1800 MHz (B3), 900 MHz (B8)
LTE: 2100 MHz (B1), 1800 MHz (B3), 2600 MHz (B7), 900 MHz (B8), 800 MHz (B20),

FLB3208 USA AT&T
UMTS/HSUPA: 1900 MHz (B2), 1700 MHz (B4), 850 MHz (B5)
LTE: 1900 MHz (B2), 1700 MHz (B4), 850 MHz (B5), 700 MHz (B12, B13, B14), 1700 MHz (B66), 600 MHz (B71)

Product details

Interfaces: 1x SMA socket (FLB3209)
2x SMA socket (antenna diversity for FLB320A/8)

Speed: Max. 150 Mbit/s download
Max. 50 Mbit/s upload

FLB3209 APAC
UMTS/HSUPA: 2100 MHz (B1), 850 MHz (B5), 800 MHz (B6), 900 MHz (B8), 1700 MHz (B9), 800 MHz (B19)
LTE: 2100 MHz (B1), 1800 MHz (B3), 850 MHz (B5), 2600 MHz (B7), 900 MHz (B8), 800 MHz (B18), 800 MHz (B19), 1.5 GHz (B21), 700 MHz (B28), 2600 MHz (B38), 1900 MHz (B39), 2300 MHz (B40), 2500 MHz (B41)

Power supply: About the basic module

Weight: < 300 g

Operating temperature: -25 °C to +60 °C

Relative humidity: 10 % to 95 %, non-condensing

Manufacturer: HMS Industrial Networks AB

Products Order no.

FLB320A	Expansion card mobile radio LTE Europe
FLB3208	Expansion card mobile radio LTE North America AT&T
FLB3209	Expansion card Mobile radio LTE Asia Pacific Africa China

Accessories Order no.

WEW40902K	Omnidirectional mobile radio antenna GSM, 2G/GPRS, 3G/UMTS/HSPA, 4G/LTE with 5 m connection cable
WEW40902G	Directional radio antenna for GSM, 2G/GPRS, 3G/UMTS/HSPA, 4G/LTE screwable with 5 m cable
WEW40902H	Omnidirectional mobile radio antenna for GSM, 2G/GPRS, 3G/UMTS/HSPA, 4G/LTE with 5 m connection cable
WEW40902I	Clip-on mobile phone antenna GSM, 2G/GPRS, 3G/UMTS/HSPA, 4G/LTE Can be angled 90° and 180
WEW40902M	Magnetic base antenna GSM, 2G/ GPRS, 3G/UMTS/HSPA, 4G/LTE antenna with 2 m connection cable
WEW40902N	Magnetic base antenna GSM, 2G/ GPRS, 3G/UMTS/HSPA, 4G/LTE antenna with 5 m connection cable



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