Ewon Flexy extension card - 4G Europe

Item number: FLB320A_00

This extension card enhances Ewon Flexy's connectivity with a 4G LTE modem for Europe. Ideal for field applications lacking wired internet. Requires only a SIM card with data plan for Talk2m cloud. Safe VPN connectivity for SCADA applications without the hassle of provisioning a fixed IP address. Compatible with Ewon Flexy 10x, 20x series and 205.

Interchangeable extension card for enhanced connectivity

Features and benefits

Build your own Flexy gateway

Keep up with the evolution of communication technologies while protecting your investment in the device! The Ewon Flexy extension cards make this gateway highly modular and flexible.

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General

Net Width (mm)	22
Net Height (mm)	79
Net Depth (mm)	82
Net Weight (g)	46
Packed Width (mm)	102
Packed Height (mm)	30
Packed Depth (mm)	95
Packed Weight (g)	68
Operating Temperature °C Min	-25
Operating Temperature °C Max	+60
Storage Temperature °C Min	-30
Storage Temperature °C Max	+70
Relative Humidity	10 to 95% relative humidity (non-condensing).
Content of Delivery	This product consists of the following components: an electronic extension board inserted in a plastic front plate with a plastic cap on the "DIV" SMA connector and packed in an ESD plastic bag sealed with an yellow sticker, legal references in paper version and a cardboard box.
Not Included (in delivery)	Antenna
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	FLB320A_00

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Identification and Status

Model Code	04801
Predecessor	FLB3204_00, FLB3202_01
Country of Origin	Romania
HS Code	8517790000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

Connectors / Input / Output	2x Antenna connector: Main: SMA-F Female, Diversity: SMA-F Female
Contains Battery	No

Wireless Features

Antenna Connector	SMA
Antenna	Not Included
Cellular Standards	Our Modem Flexy Extension Cards FLB3208, FLB320A, FLB3209, FLB3271 are only supported if the Flexy Base Unit runs the firmware version 14.8s0 and higher.
Frequencies & Bands	4G: B1, B3, B7, B8, B20, B28A. 3G: B1, B3, B8. Automatic fallback to 3G

Safety and Security

Safety Standards	EN IEC 62368-1:2020 + A11:2020 UL 62368-1 Third Edition, revised October 22, 2021 CAN/CSA C22.2 No. 62368-1: 19 Third Edition, revised October 22, 2021 J62368-1(2023)

Certifications and Standards

CE	Yes
FCC	No
IC	No
UKCA	Yes
UL	Yes
KC	No

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Certifications and Standards

RCM	Yes
PTCRB	No
Environment	Temperature - Operating & Storage tested according to: IEC 60068-2-1 Cold test, IEC 60068-2-2 Dry heat test, IEC 60068-2-14 Change of temperature, IEC 60068-2-30 Cyclic damp heat test
Vibration and Shock	Vibration & shocks tested according to: IEC 60068-2-27 Bumps, IEC 60068-2-64 Vibration (broad-band random), IEC 60068-2-6 Vibration (sinusoidal)
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment
Other Certification	Pakistan