GlobalLink 520 and GlobalLink 530

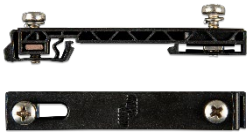
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GlobalLink 530 and 520



Accessories included with the GlobalLink 520 and 530



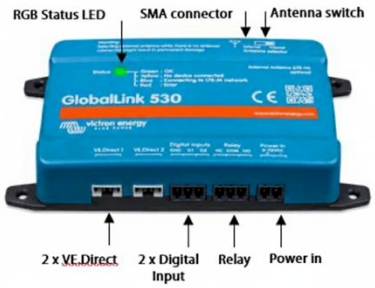
Optional: DIN35 adapter small
DIN-Rail adapter to easily mount the GlobalLink.

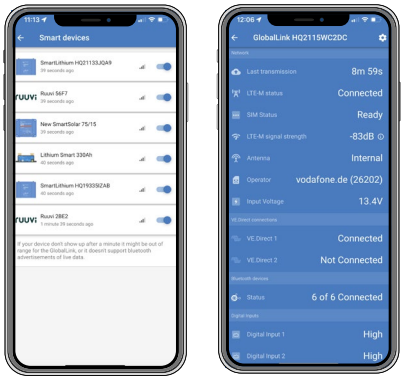


Optional: Optional Outdoor LTE(M) wall-mount antenna



Optional: Outdoor LTE(M) puck antenna





The GlobalLink 530 and GlobalLink 520 connect remote Victron systems or individual Victron products to VRM, the Victron Remote Management portal. VRM provides access to both real-time and historical data from the connected system, including battery voltage, state of charge, and PV yield. Use of the VRM portal is free of charge.

A key feature of the GlobalLink is the included pre-installed and pre-paid SIM card. It comes with 5 years of cellular connectivity, eliminating the need to purchase, install, or manage a separate SIM card.

GlobalLink 520 vs GlobalLink 530

The difference between the GlobalLink 520 and GlobalLink 530 is the cellular connectivity.

The GlobalLink 520 uses LTE-M, a low-power cellular technology designed specifically for IoT applications. While LTE-M is an excellent fit in supported regions, its availability is limited in many parts of the world.

The GlobalLink 530 uses standard 4G LTE connectivity—the same network technology used by smartphones—and also supports 2G as a fallback where available. This provides broader global coverage and greater deployment flexibility.

For most countries, including Canada, the GlobalLink 530 is the recommended choice due to its wider network compatibility. The exception is the United States, where the GlobalLink 520 remains the recommended model, as the GlobalLink 530 is not certified for use on US cellular networks.

Features

- **Wired connectivity:** Connect up to two products using a VE.Direct cable
- **Wireless connectivity:** Connect up to ten products wirelessly using Bluetooth Low Energy.
- **VRM monitoring:** Monitor battery state of charge, power consumption, power harvest from PV
- **RuuviTag support:** Compatible with Ruuvi wireless temperature and humidity sensors.
- **Custom SIM card:** Supports the use of customer-supplied SIM cards.

GlobalLink	520	530
Supply voltage	8 – 70 VDC	
Power draw with Bluetooth enabled (disabled)	Average with relay open 12 V: 50 mA (20 mA) / 24 V: 26 mA (10 mA) / 48 V: 14 mA (5 mA)	
	Average with relay closed 12 V: 64 mA (40 mA) / 24 V: 34 mA (20 mA) / 48 V: 19 mA (10 mA)	
Mounting	Wall	
Input connectivity		
VE.Direct ports (always isolated)	2	
RuuviTag support	Yes	
Instant Readout via Bluetooth	Yes, (connect up to 10 additional Smart devices via BLE)	
Digital Inputs	2	
Relay	1 x NO/NC DC up to 30 VDC: 2 A AC: 0.5 A, 125 VAC	
Output connectivity		
Bluetooth	Yes	
Modem	SIMCom SIM7070G	SIMCom A7672G
Cellular	CAT M1 (LTE-M) 17 bands supported from 699Mhz to 2690Mhz (Total world-wide support) Bands supported are ~~currently~~: 1, 2, 3, 4, 5, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 66 Not authorised for use in the US.	LTE Cat 1 connectivity with up to 10 Mbps (DL) and 5 Mbps (UL) Supported communications: LTE-TDD, LTE-FDD, GSM, GPRS, EDGE Frequency bands: GSM 900/1800 MHz, LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17 B18/B19/B20/B25/B26/B28/B66 LTE-TDD: B38/B39/B40/B41
Dimensions		
Outer dimensions (h x w x d)	123 x 67 x 23 mm	
Operating temperature range	-20 to +50 °C	
Other		
Antenna	Internal and SMA connector for optional external antenna	
Factory included SIM	Prepaid 1nce data SIM with 5 years of connectivity. Extendable after expiry	
Support for custom SIM	Yes	
Location	Approximate location based on the currently connected mobile network cell tower	
Optional external LTE-M SMA-M antenna	Outdoor wall mount antenna: 3 meter	
	Outdoor puck antenna: 3 meter	

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