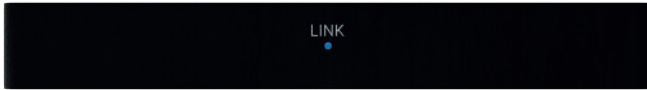


Technical Specifications



Front View



Rear View

General

Unit Dimensions	317 x 192 x 41mm
Weight	Packaged weight: 4.05kg; Unit weight: 3.45kg; Mounting brackets weight: 0.15kg/pair
User Interface	Cloud portal; Local web browser; MFD apps; Smartphone apps for iOS and android; Touchscreen
Diagnostics	Status LED on unit; Communication bus status; Connectivity status; System status

Power

Input voltage range	9-30 VDC
Independant redundant power supplies	Galvanically isolated; Unit can be powered by CAN1, CAN2, NMEA 0183, or aux in, allowing for connection of any size back-up battery

Environmental

Temperature	Storage: -40°C to +85°C; Operational: -15°C to +55°C
Pressure	300-1100 hPa
Humidity	0 to 90% RH; Built-in sensor
Gyroscope	Built-in
Accelerometer	Built-in

Construction

Enclosure	Solid, hard-anodised aluminium block functioning as a heat sink
Mounting	Unit can be positioned free-standing or mounted via the screw-on surface mount brackets and 4 screws provided; Can be mounted at any angle

Controls and Indicators

Solid white light	LINKbridge fully booted with all services running normally
Solid blue (on power up)	Box powered and base systems booting. If still blue after 30 seconds base systems failed to boot.
White flash	Base systems started, waiting on main LINK application
Fast flashing red light	Base systems booted but problem with LINK application
Pulsing blue light	LINKbridge in hiberLINK mode

Connectors

Relays	4 x 3 Amp relays
Digital inputs	4 x digital inputs
3/4G inputs	Built-in cellular data transmission
GPS SMA connector	Built-in GPS (GNSS) requires external antenna (3.3-5.0v)
Sat connector	Built-in Iridium satellite connectivity
1-Pwr	Unit power/back up battery connector
2-Bat and 3-Bat	Built-in battery voltage monitors
0183	NMEA 0183 connector
CAN1 and CAN2	5 pin M12 multipurpose CAN connector (J1939, NMEA 2000, Dometic CAN, etc)
LAN1 and LAN2	Isolated Local Area Network interfaces; 8-pin RJ-45 shielded connector, female; 1000BASE-T Ethernet port

Technical Specifications - *continued*

Compliance

Fully certified

FCC Part 15 Class B;
EN60945, CE, UKCA, RCM

Wiring Connections

NMEA 2000/J1939

Name	Pin	Colour
NET-L	Pin 5	Blue
NET-H	Pin 4	White
Shield	Pin 1	Green
NET-S	Pin 2	Red
NET-C	Pin 3	Black

NMEA 0183

Name	Pin	Colour
-/B	Pin 5	Blue
Tx Out	Pin 4	White
Shield	Pin 1	Green
V+	Pin 2	Red
+/A	Pin 3	Black

Notes:

This product can be purchased from authorised LINK dealers. To find a dealer or distributor please contact the LINK sales team or visit www.linkconnected.com.

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