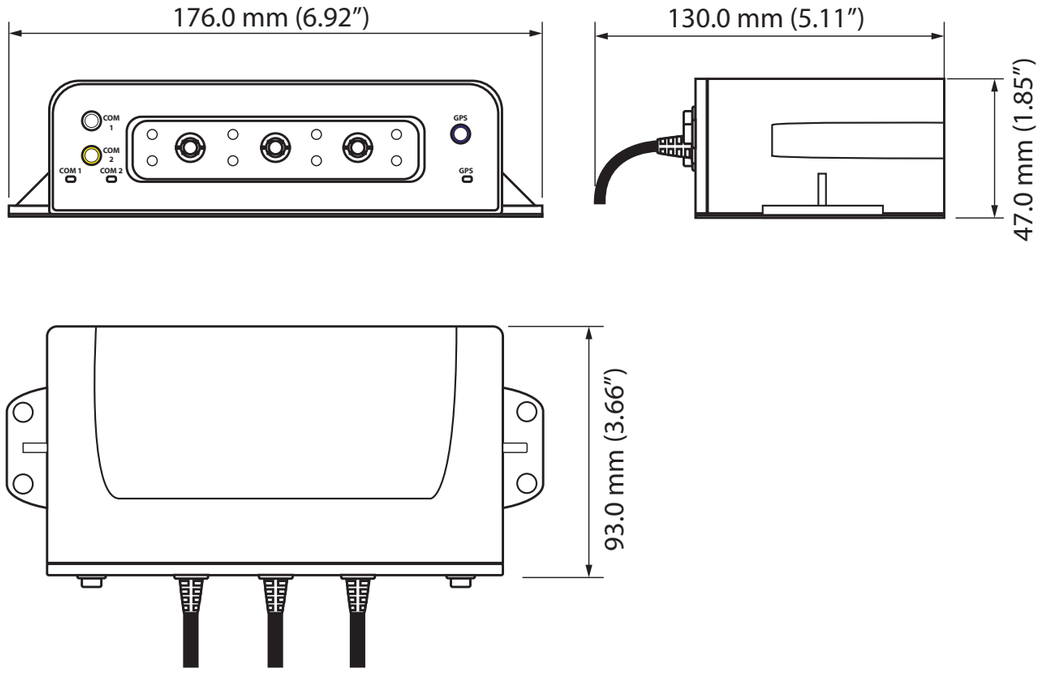
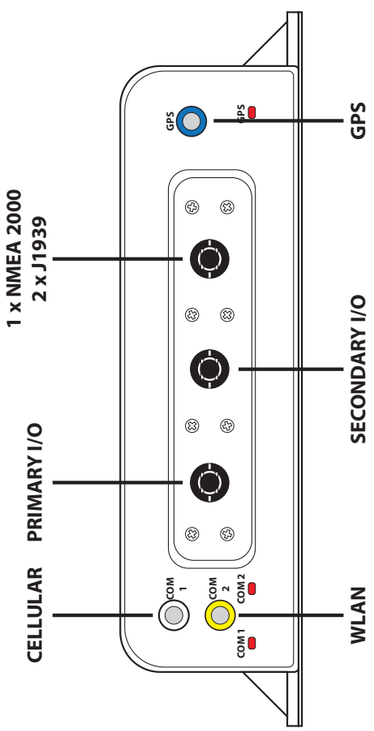
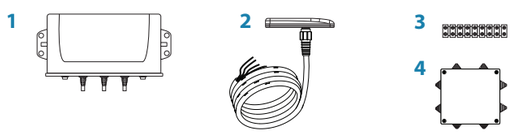
Dimensions



Connectors



Parts included



	Qty	Description
		GoFree Track-CellFi Pack
1	1	Track-CellFi Unit
2	1	Track CELL/GPS/WLAN Antenna & 3m cable
3	2	9 pin terminal strip
4	1	Track junction box
	1	Track, Misc. hardware kit, including screws, fuse and fuse holder

	Qty	Description
		GoFree Track-WiFi Pack
1	1	Track-WiFi Unit
2	1	Track GPS/WLAN Antenna & 3m cable
3	2	9 pin terminal strip
4	1	Track junction box
	1	Track, Misc. hardware kit, including screws, fuse and fuse holder

For technical specifications and declarations, refer to the product website on:

www.gofreemarine.com

988-10977-001

Getting started

Fully configure the device by accessing the Track setting site via:

www.gofreemarine.com/vessel

Sensors installation guide

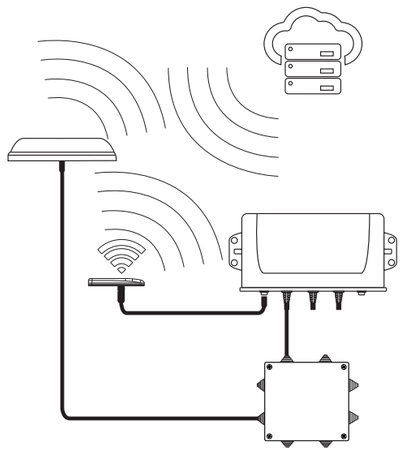
Available online via:

For all other information visit:

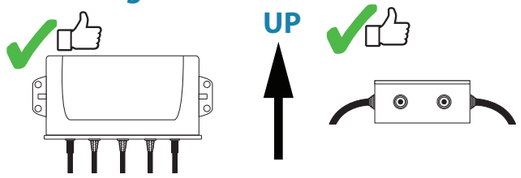
www.gofreemarine.com

GOFREE™

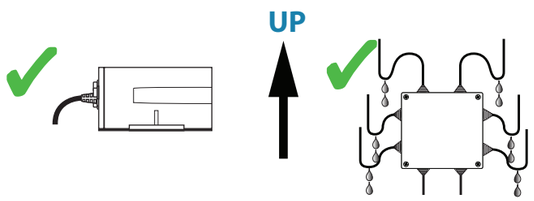
Track-CelFi
Track-WiFi
Installation Guide



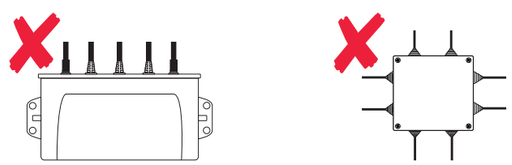
Mounting



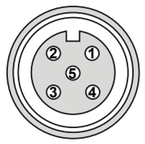
→ ***Note:*** Use screws #10 x 3/4 AB PAN POZ to mount the Track-CellFi unit.



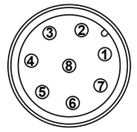
→ ***Note:*** Use screws #6 x 5/8 PAN POZ AB to mount the junction box.



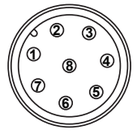
Connector wiring



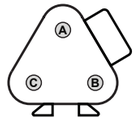
NMEA 2000
Male connector



Satellite
Male connector



Satellite
Female connector



J1939 DT04-3P
Deutsch Connector

Primary I/O						
Wire	**Color**	**Signal Desc'**	**Direction (LMU)**	**Navico**	**V LIMIT**	**A**
1	Red	VIN	PWR	Boat Power	12-32 V	
2	Black	GND	PWR	Boat Ground	12-32 V	
3	White	INPUT0	I	Ignition	12-32 V	
4	Pink	ADC1	I	-	12-32 V	
5	Brown / Red	VIN_VILT	PWR	EXT. SATELLITE	12-32 V	
6	Brown / Orange	AUX1_VCC	PWR	EXT. SATELLITE	3.3 V	
7	Brown / Green	AUX1_RX	O	EXT. SATELLITE	3.3 V	
8	Brown / Blue	AUX1_TX	I	EXT. SATELLITE	3.3 V	
9	Yellow / Orange	AUX2_VCC	PWR	-	3.3 V	
10	Yellow / Green	AUX2_RX	O	-	3.3 V	
11	Yellow / Blue	AUX2_TX	I	-	3.3 V	
12	Blue	INPUT 1	I	ENTRY / HATCH	12-32 V	
13	Orange	INPUT 2	I	WATER LEVEL	12-32 V	
14	Violet	INPUT 3	I	SHORE POWER	12-32 V	
15	Grey	INPUT 4	I	SPARE	12-32 V	
16	Green / Black	1BB_T_DATA	Signal	TEMP SENSOR	4 V	
17	Yellow / Black	1BB_GND	GND	TEMP SENSOR	4 V	
18	Green	OUTPUT 0	O	-		250 mA
19	Brown	OUTPUT 1	O	-		250 mA
20	Yellow	OUTPUT 2	O	-		250 mA

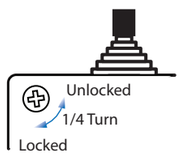
Secondary I/O					
Wire	**Color**	**Signal Desc'**	**Direction (LMU)**	**V LIMIT**	**A**
1	Black	GND	PWR	12-32 V	
2	Yellow / Red	VIN_FILT	PWR	12-32 V	
3	Green / White	INPUT 5	I	12-32 V	
4	Blue / White	INPUT 6	I	12-32 V	
5	Black / White	INPUT 7	I	12-32 V	
6	Orange / Black	1BB_R_DATA	I/O	4 V	
7	Blue / Orange	OUTPUT 3	O	-	250 mA
8	Whote / Yellow	OUTPUT 4	O	-	250 mA
9	Red / Green	LED OUTPUT 1	O	4 V	
10	Orange / Green	LED OUTPUT 2	O	4 V	
11	Black / Red	ADC2 INPUT	I	12-32 V	
12	White / Red	ADC3 INPUT	I	12-32 V	
13	Orange / Red	ADC4 INPUT	I	12-32 V	
14	Blue / Red	ADC5 INPUT	I	12-32 V	

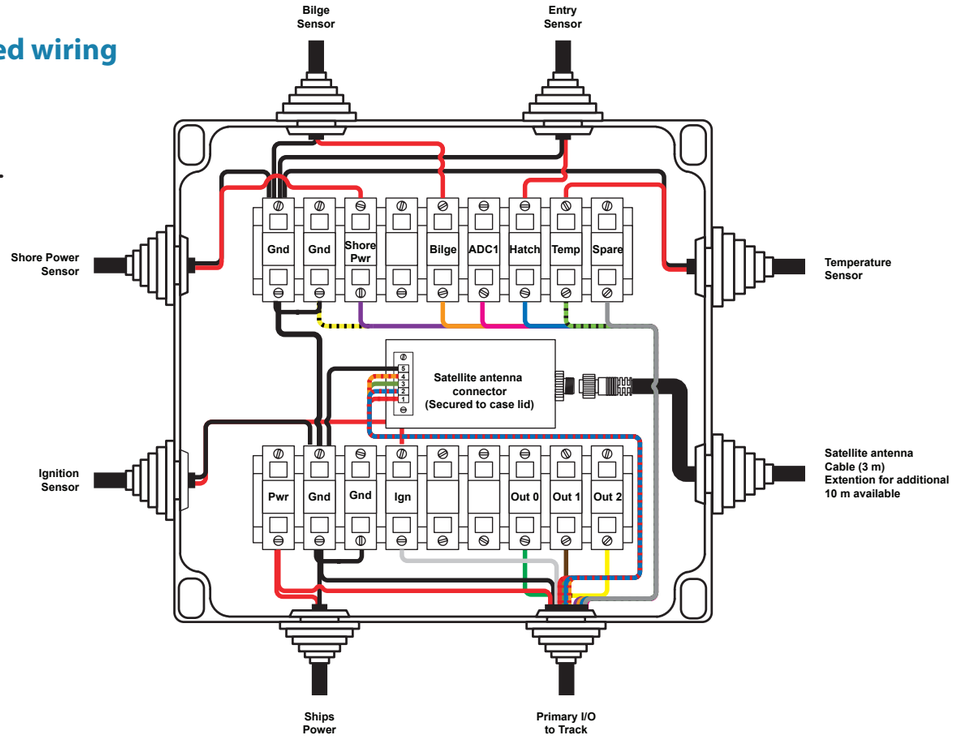
Satellite antenna - Junction box connector			
Connector No.	**Color**	**In /Out**	**Name**
1	Brown / Red	In	12 V DC
2	Brown / Blue	Out	Aux1_TX
3	Brown / Green	In	Aux1_RX
4	Brown / Orange	In	Ext Sat
5	Black	-	Ground

NMEA 2000 / CAN - J Connector			
Wire	**Pin**	**Color**	**Signal Desc**
1	4	Yellow	NMEA 2000 High
2	5	Green	NMEA 2000 Low
3	3	Black / Yellow	NMEA 2000 Ground
4	A	Grey	Port J1939 CAN 1 Low
5	B	Blue	Port J1939 CAN 1 High
6	C	Black / Grey	Port J1939 CAN 1 Ground
7	A	Red	Stbd J1939 CAN 2 Low
8	B	Brown	Stbd J1939 CAN 2 High
9	C	Black / Red	Stbd J1939 CAN 2 Ground

Satellite antenna			
8 Pin Female	**Color**	**In / Out**	**Name**
1	-		-
2	Black		Ground
3	-	In	RS232 RX
4	-	Out	RS232 TX
5	Red	In	12 V DC
6	-	-	-
7	-	-	-
8	-	-	-

Junction box
Recommended wiring





Wiring example