Troubleshooting the GNSS receivers

All lights should be on without any blinking. The red light might do small flashes indicating data is being processed - this is ok.

If the lights are not as described, use the table below to troubleshoot.

LED	Color/State	Primary GNSS receiver	Secondary GNSS receiver
Power	LED Off	Power off	Power off
	Green On	Power on	Power on
Pos	LED Off	Primary antenna not detected	Secondary antenna not detected
	Yellow Slow Blink	Primary antenna detected, no GNSS signal	Secondary antenna detected, no GNSS signal received
	Yellow Fast Blink	GNSS signal received on primary antenna, poor reception	GNSS signal received on secondary antenna, poor reception
	Yellow On	GNSS solution available	GNSS solution available
Link	LED Off	No internet access	No connection to primary GNSS receiver
	Red Flashing	Corrections for heading solution received from primary GNSS receiver	

	Red On	No NTRIP received, check NTRIP subscription and server	Internet access, no corrections from primary GNSS receiver
	Red On + Flashing	Internet access and corrections received from NTRIP	Internet access and corrections received from primary GNSS receiver
Mode	**LED Off**	No fix or primary position	No heading
	Blue Blinking	Float RTK, satellites and corrections received, but position not good enough.	Float RTK, satellites and corrections received, but heading not good enough
	Blue On	Fixed RTK, good position	Fixed RTK, good heading

Troubleshooting Router

The table below explains what the different router lights mean. If everything is working correctly, the LEDs should be as follows:

• Power – Solid Red

• Status – Solid Green

• Cellular – Solid Yellow

• Signal – Solid Green

• Wi-Fi – Blinking Green

Power	Status	Celular	Definition
Off	Off	Off	Router has no power
On	Off	Off	System fault – Try restarting the router
On	On	Off	Module or SIM Card not identified
On	On	Flashing	Connecting
On	On	On	Dialing success – Connected to internet

Signal	Red	Signal values 1-10	Bad signal
Yellow	Signal values 11-20	Ok signal	
Green	Signal values 21-30	Good signal	
Wi-Fi (Green)	Off	Wi-Fi disabled	
Flashing	Wi-Fi transmitting		