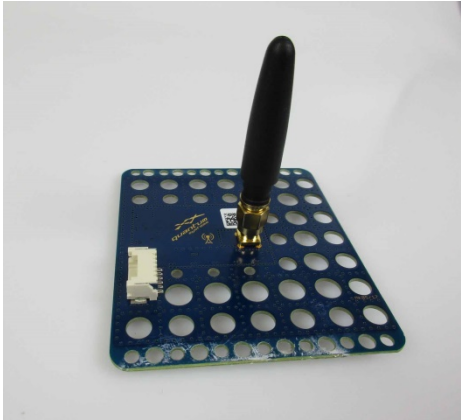


MULTIPLEX[®] Technical Documentation

Description QBase Ground- and Air-Modem

The internal RF-Module in the Ground- and Air-Modem is a HopeRF HM-TRP Series 100mW Transceiver module in the 915MHz band

Differences between the modules:

	QBase Ground Modem	QBase Air Modem
Housing	Plastic housing	w/o; RF module on carrier PCB mounted in the UAV
Power supply	Via USB	Via cable harness
Interface	USB-B plug to PC/Laptop	JST-connector to cable harness Trinity
Antenna	3.5dBi external helical antenna, SMA with 1m RG174 cable and magnetic base	2dBi SMA ½ wave stubby antenna, on carrier PCB
		

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Tobias Lauber
Documentation