

# DRONE LINK

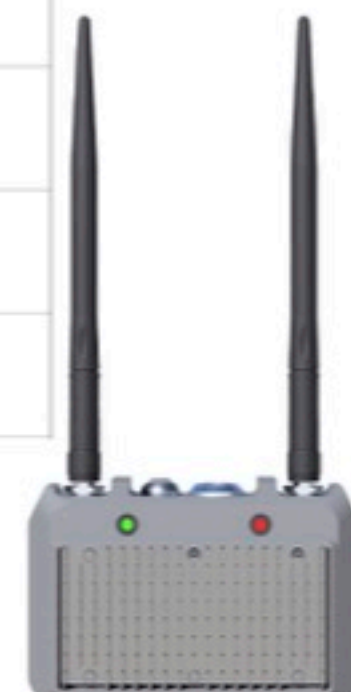
*Datasheet rev1.3 / Juillet 2020*

DRONE-LINK est un relais radio Mesh autonome et robuste qui augmente la distance opérationnelle entre la station de contrôle au sol et le système déployé qu'il soit volant, roulant ou encore navigant.



# SPECIFICATIONS TECHNIQUES

FREQUENCY BAND OPTION	
Frequency range	2.4 GHz
Digital Data Link Feature	Robust 2X2 MIMO 2.4 GHz Operation
Sensitivity	Adjustable total transmit power (up to 1W)
Encryption	128-bit AES (Optional 256-bit)
Optimal performance specifications	Up to 27.8 Mbps Iperf Throughput @ 8 MHz channel (-81 dBm)
	Up to 14 Mbps IPerf Throughput @ 4 MHz channel (-83.5 dBm)
Operating Modes	Maximal Ratio Combining (MRC), Maximal Likelihood (ML) decoding
	Low-Density Parity Check (LDPC)
	Supports Point-to-Point and Point-to-Multipoint Networks
	Master, Remote, Relay Operating Modes
SWITCHES and INDICATORS	
Buttons	1 : Power On/Off (+ Led)
LED indicators	Blue = CPU status/Green = RSSI + RX/Red = Tx
POWER	
Battery Voltage	18-25.2 V
Power consumption	6 W
Battery type	6S 1P Lion
External Battery	Yes
Battery mounting system	Skydrone Generic Interface
EXTERNAL	
RF/antenna	2
Connectors	Ethernet robust
Management interface	Ethernet connector
Power input	Skydrone Generic Interface (w/o battery)



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Pour avoir des informations détaillées sur ce produit, merci d'envoyer votre demande à [contact@skydrone.fr](mailto:contact@skydrone.fr)

[www.skydrone-robotics.com](http://www.skydrone-robotics.com)