



COMPACT GROUND STATION

TECHNICAL SPECIFICATIONS

Compact Ground Station (CGS) is a small solid and compact Ground Station handling all telemetry and video communication for the Heidrun EO/IR UAV solution. Furthermore the CGS is the optimal connectivity and integration point between the UAS and any external C2 and C4 integration systems

DIMENSIONS	L X W X D	WEIGHT
Compact Ground Station	152 mm x 112 mm x 44 mm	750 g
Compact Ground Station incl. connectors and brackets	173 mm x 117 mm x 53 mm	N/A

PERFORMANCE

Operational time	5.5 hours (up to)	
Operational temperature ambient	-20°C to + 55°C	
IP68 rating incl. Protective Caps	Tested in accordance to IEC 60529	1.5m for 30 minutes
IP57 rating incl. Protective Caps	Tested in accordance to IEC 60529	
MIL-STD 810G (selected tests)	High temperature shock, Low temperature shock, Humidity, Salt fog, Vibration, Solar radiation	
Supply voltage	12/24V	
Battery	2x 18650	Lithium-Ion
Charging	110/240V	12/24V
Charging time	3.5 hours	

RADIO

Output power	Adjustable output power (Up to 1 W)	
Frequency range	2.402 - 2.478 GHz	
Encryption	128-bit AES	



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CONNECTIVITY

Ethernet / USB connections	4	
Antenna connections	2	1 reserved for future use
Power charging	1	
Mounting holes, backside	3	delivered with single mount for Short Range and Long Range Antenna

