

Aerora

D64 TR Performance-leading Dual Thermal-Visible Camera



640x512



Radiometric IR Analysis



Photo



Video



262g

Dual High-Resolution Imaging

- 64MP RGB Camera – Crystal-clear details, 4K video @ 60fps or 30fps
- FLIR Boson® 640R Thermal Sensor – Sharp infrared vision, 640 × 512 resolution

Powerful AI & Real-time Processing

- 15 TOPS AI Engine – Enables real-time object detection & analytics
- Qualcomm® QRB5165 SoC – Octa-core CPU & Adreno™ 650 GPU

Ultimate Stability & Seamless Integration

- 3-Axis Gimbal – Supports up to 31mph wind resistance
- Multiple Interfaces – CAN, UART, SBUS, PPM, Ethernet, USB 3.0, HDMI, Mavlink



Aerora

GS7 **Portable** Ground Control Station



Qualcomm
QCS6490



Android
14



7" LCD
2000NIT



12 Tops



Wi-fi 6E/
BT 5.2



2.4G/5.8G
Radios



2S
10200mAh



Cutting-edge technology and universal compatibility for white-labeling:

CPU: Qualcomm QCS6490, Kryo CPU built on Arm v8 Cortex technology

Compute Power: Compute Hexagon DSP with dual Hexagon Vector eXtensions and Hexagon Tensor Accelerator

Versatile connectivity: Type-C, HDMI, RJ-45, 3.5mm headphone jack, SIM card, USB-A, Micro SD card

Seamless Integration: Taisync, Doodle Lab, Sylvus radios can be supported.

Operation time: up to 5 hours



Aerora

L3T Industry-leading Thermal-Visible-Rangefinder Camera



1280x1024



Radiometric



Video



Range
Finder



Qualcomm
QCS8550



16 Tops

High-Resolution Imaging

- Thermal Sensor – Sharp infrared vision, 1280 ×1024, 16x zoom
- 1 inch 50MP Wide Camera – Crystal-clear details
- 8K video@ 25fps, 4K video@60/30, 1080P@240/120/60/30, 20x zoom

Premium processor combines powerful computing

- 4nm Qualcomm® QCS8550 SoC, 740 GPU
- Extreme edge AI processing, Wi-Fi 7, and robust video and graphics

Ultimate Stability & Seamless Integration

- 3-Axis Gimbal – Supports up to 31mph wind resistance
- Multiple Interfaces – USB 3.0 (UVC), CAN, RTSP, Mavlink supported
- Customizable for white labeling



Aerora

Combo with Smart Drive

Powering the Future of Enterprise Drones

Features:

- Modularized propulsion system
- Patent pending Field Orientated Control (FOC) algorithms by default
- BLDC available for custom options
- Proprietary Quick Release Propeller Design
- High Strength Carbon Fiber material for the arms.

Specifications

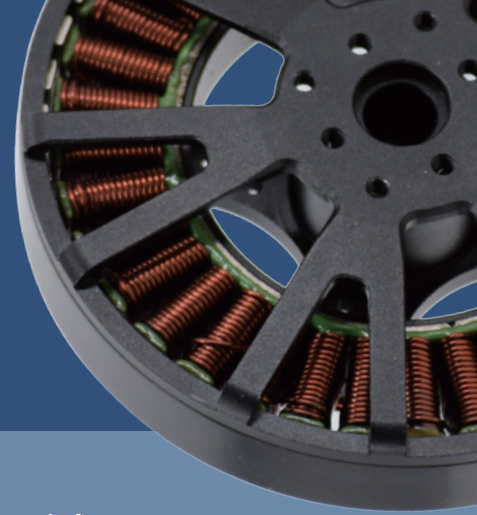
Item No.	Li-Po	FOC ESC	Propeller Recommendation	Carbon Fiber tube	Max Thrust
4006	6S	20A	12" Carbon Fiber	16mm - 20mm	1.5 kg
8710	12S	50A	32" Carbon Fiber Foldable	30mm - 35mm	10 kg



Aerora

UAV Power Motors

Lightweight and efficient propulsion at any scale.



Features:

- Applications: Standard and bespoke options for 50g – 30kg take off weights.
- High Efficiency: Longer flight times or higher payloads, and long life.
- Light Weight: Greater maneuverability at lower power.
- Built to Scale – Made in Vietnam, fast lead times, and global compliance.

Specifications

Item No.	SIZE (mm)	KV	Li-Po	Max Current (A)	Continuous Current(A)	Max RPM	Weight (g)	Propeller Recommendation	Max Thrust
BL2408	Φ28.8x21.6	1000	6S	15	8	17000	40	5"	0.8 kg
BL2414	Φ28.8x27.6	900	6S	28	10	7160	60	7"	1.25kg
BL3212	Φ38.2x29.5	930	6S	39	20	15200	110	8"-10"	1.6kg
BL5006	Φ55.6x27	550	6S	39	20	7650	100	8"-10"	3.5 kg