

Hummer 2

- Design for ISR (Intelligence, Surveillance and Reconnaissance) applications
- NDAA and AES256 encryption ready for compliance
- Built in Qualcomm long range radio technology



	Hummer 2
Mechanical Design	Quadrotor
Takeoff Weight	2 Kg
Max Ascent Speed	4 m/s
Max Horizontal Speed	20 m/s
Max Elevation Height	900m
Wind Speed Resistance	Beaufort scale 6
Rugged design	IP55
GNSS	GPS + Galileo
Hovering Time	30 mins
Internal Storage	256GB Micro SD card
Flight Safety	• Forward Collision-Avoidance • Keep the last known GPS location • Smart Battery: Battery level, Status of health, Self discharge
Anti-jamming	• Auto band switch when radio being jammed • Keep flight attitude and auto return home upon needs
Operating Temperature	-10°C ~ 50°C
Sound Level	< 60dB (@100m)
Operating Frequency	2.4G & 5.8G
Transmission Encryption	AES256
ADS-B	Upon request



	MerlinEye 21 G2
EO Camera	• 4K30p resolution/ 128X Zoom
IR Camera	• 640 x512 Resolution / 60fps / 4X Zoom • EO & IR sensor fusion. • IR image mode: White hot, Black hot, Iron red, Rainbow.
Gimbal Control Range	Vertical +45°~90°
EO Image Quality	• NIIRS6 for target recognition at 1km distance
Object Tracking AI	• Automatic and manual object detection and tracking • Display the object GPS coordinates (60/UTM base)

Remote Controller



	GCS 7
Display	7 inches / 2,000nits (CR 40,000:1)
Robust design	IP55 / pass MIL-STD-810 Drop test
Transmission Distance	Above 5km
Live View Quality	1080P30
Transmission Encryption	AES256
Mission Planner	• Object click and track on screen • Mode: ATT, GPS, Mission, RTL • Set to taking photo on mission waypoints
Live View	• Display flight data, position, map, remaining battery level, low battery warning, current flight time • Altitude and coordinates of aircraft • Switching coordinates between base 60 and UTM • Multiple real-time images or a single real-time image with various flight data at the same time.
Others	• Select Language: Traditional Chinese and English • Set obstacle avoidance and object detection functions on/off

Others

Carrying Case	1 set. IP67. Drop and vibration test certification: MIL-STD-810
Warranty	1-year warranty (without batteries)
Accessories	Charger 1 set. GCS Battery 4 sets (1 set fixed in GCS). Spare propeller 1 set. Tool 1 set.

