

UAVTS-LG

Specification



Technical

| | |
|----------------------------|-----------|
| Maximum flight distance, m | 32000 |
| Maximum flight speed, km/h | 72 |
| Maximum takeoff speed, m/s | 6 |
| Maximum landing speed, m/s | 6 |
| Flight time, minutes | 50 |
| Flight frequency, Ghz | 2.4 |
| Flight temperature, °C | -10 to 50 |
| Flight Ceiling, m | 6000 |

Usage

- Reconnaissance, tracking human and car targets.
- Search and detect victims as quickly as possible, support rescue work.

Obstacle Sensor

| | |
|--------------------|--------------------|
| Precision range, m | 0.5-100 |
| Location | Front, left, right |

Camera

| | |
|------------------|------------------------|
| Sensor | 1/2.9" CMOS Sensor |
| Image resolution | 1920x1080 |
| Video resolution | FHD: 1920x1080@30fps |
| Image format | JPEG |
| Video format | MP4 (MPEG-4 AVC/H.264) |

Tele Camera

| | |
|------------------|----------------------------|
| Image resolution | 1920x1080 |
| Video resolution | H.264 FHD: 1920x1080@30fps |
| Image format | JPEG |
| Video format | MP4 (MPEG-4 AVC/H.264) |
| Zoom | 12x digital |

Thermal Imaging Camera

| | |
|------------------|-----------------------------|
| Sensor | 12μm |
| Video resolution | 640x512@30fps |
| Image format | JPEG (8-bit)R-JPEG (16-bit) |
| Video format | MP4 (MPEG-4 AVC/H.264) |

Stabilizer (GIMBAL)

| | |
|-----------------|--|
| Characteristics | Three-axis anti-vibration system |
| Rotation angle | Tilt: -120 to 60° Axis: -60 to 60° Rotation: -150 to 150° |
| Angle jitter | ±0.02° |

GNSS

| | |
|--------------------------|--|
| Satellite system | GPS+Galileo+BeiDou+GLONASS |
| Ground precision | ±0.5 m (High-Precision Positioning System); ±0.1 m (RTK) |
| High degree of Precision | ±0.5 m (GNSS); ±0.1 m (RTK) |

Controller

| | |
|-------------------------------|--------------------------|
| Operating frequency, Ghz | 2.4 |
| Maximum transmission range, m | 15000 |
| Screen | 5.5 inch, 1920x1080 |
| Memory | 16GB (microSD supported) |
| Operating temperature, °C | -10 to 50 |
| Connection | Wi-Fi, Bluetooth 5.1 |

Battery

| | |
|--------------------|----------------------------------|
| UAV battery | HV Li-ion 6S (16000 mAh @ 23.7V) |
| Controller battery | Li-ion (10000 mAh @ 7.2V) |