**Aircraft**

* Dimensions
	+ (unfolded, excl. propellers)
	+ 470×585×215 mm (L×W×H)
* Dimensions (folded)
	+ 365×215×195 mm (L×W×H)
* Diagonal Wheelbase
	+ 668 mm
* Weight (incl. two batteries)
	+ 3770 ± 10 g
* Max Take-off Weight
	+ 4069 g
* Max Take-off Weight for C2 Certification in EU
	+ 3998 g
* Operation Frequency
	+ 2.4000-2.4835 GHz; 5.725-5.850 GHz
* Transmitter Power (EIRP)
	+ 2.4 GHz: <33 dBm (FCC); <20 dBm (CE/SRRC/MIC)
	+ 5.8 GHz: <33 dBm (FCC/SRRC); <14 dBm (CE)
* Hovering Accuracy (windless or breezy)
	+ Vertical: ±0.1 m (Vision System enabled); ±0.5 m (N-mode with GPS); ±0.1 m (RTK)
	+ Horizontal: ±0.3 m (Vision System enabled); ±1.5 m (N-mode with GPS); ±0.1 m (RTK)
* RTK Positioning Accuracy (fixed RTK enabled)
	+ 1 cm+1 ppm (horizontal)
	+ 1.5 cm+1 ppm (vertical)
* Max Angular Velocity
	+ Pitch: 150°/sec.; Yaw: 100°/sec.
* Max Pitch Angle
	+ 35° (N-mode and Forward Vision System enabled: 25°)
* Max Ascent/Descent Speed
	+ 6 m/s, 5 m/s
* Max Tilt Descent Speed
	+ 7 m/s
* Max Horizontal Speed
	+ 23 m/s
* Max Service Ceiling Above Sea Level (without other payload)
	+ 5,000 m (with 1671 propellers)
	+ 7,000 m (with 1676 propellers)
* Max Wind Resistance
	+ 12 m/s
* Max Hover Time [2]
	+ 36 min
* Max Flight Time[2]
	+ 41 min
* Motor Model
	+ 3511
* Propeller Model
	+ 1671
* Ingress Protection Rating
	+ IP55
* GNSS
	+ GPS+Galileo+BeiDou+GLONASS
	+ (GLONASS is supported only when RTK module is enabled)
* Operating Temperature
	+ -20° to 50° C (-4° to 122° F)

**Gimbal**

* Angular Vibration Range
	+ ±0.01°
* Controllable Range
	+ Pan: ±90°
	+ Tilt: -120° to +45°
* Mechanical Range
	+ Pan: ±105°
	+ Tilt: -135° to +60°
	+ Roll: ±45°

**Zoom Camera**

* Sensor
	+ 1/2" CMOS, Effective pixels: 48M
* Lens
	+ Focal length: 21-75 mm (equivalent: 113-405 mm)
	+ Aperture: f/2.8-f/4.2
	+ Focus: 5 m to ∞
* Exposure Compensation
	+ ±3 ev (using 1/3 ev as step length)
* Electronic Shutter Speed
	+ Auto Mode:
		- Photo: 1/8000-1/2 s
		- Video: 1/8000-1/30 s
	+ M Mode:
		- Photo: 1/8000-8 s
		- Video: 1/8000 -1/30 s
* ISO Range
	+ 100-25600
* Max. Video Resolution
	+ 3840×2160
* Max Photo Size
	+ 8000×6000

**Wide Camera**

* Sensor
	+ 1/2" CMOS, Effective pixels: 12M
* Lens
	+ DFOV: 84°
	+ Focal length: 4.5 mm (equivalent: 24 mm)
	+ Aperture: f/2.8
	+ Focus: 1 m to ∞
* Exposure Compensation
	+ ±3 ev (using 1/3 ev as step length)
* Electronic Shutter Speed
	+ Auto Mode:
		- Photo: 1/8000-1/2 s
		- Video: 1/8000-1/30 s
	+ M Mode:
		- Photo: 1/8000-8 s
		- Video: 1/8000-1/30 s
* ISO Range
	+ 100-25600
* Max. Video Resolution
	+ 3840×2160
* Photo Size
	+ 4000×3000

**Thermal Camera**

* Thermal Imager
	+ Uncooled VOx Microbolometer
* Lens
	+ DFOV: 61°
	+ Focal length: 9.1 mm (equivalent: 40 mm)
	+ Aperture: f/1.0
	+ Focus: 5 m to ∞
* Noise Equivalent Temperature Difference (NETD)
	+ ≤50 mK@F1.0
* Infrared Temperature Measurement Accuracy[4]
	+ ±2°C or ±2% (using the larger value)
* Video Resolution
	+ Infrared Image Super-resolution Mode: 1280×1024
	+ Normal Mode: 640×512
* Photo Size
	+ Infrared Image Super-resolution Mode: 1280×1024
	+ Normal Mode: 640×512
* Pixel Pitch
	+ 12 um
* Temperature Measurement Method
	+ Spot Meter, Area Measurement
* Temperature Measurement Range
	+ High Gain Mode: -20° to 150° C (-4° to 302° F)
	+ Low Gain Mode: 0° to 500° C (32° to 932° F)
* Temperature Alert
	+ Supported
* Palette
	+ White Hot/Black Hot/Tint/Iron Red/Hot
	+ Iron/Arctic/Medical/Fulgurite/Rainbow 1/Rainbow 2

**FPV Camera**

* Resolution
	+ 1920×1080
* DFOV
	+ 161°
* Frame Rate
	+ 30 fps

**Laser Module**

* Wavelength
	+ 905 nm
* Max Laser Power
	+ 3.5 mW
* Single Pulse Width
	+ 6 ns
* Measurement Accuracy
	+ ± (0.2 m + D×0.15%)
	+ D is the distance to a vertical surface
* Measuring Range
	+ 3-1,200 m (0.5×12 m vertical surface with 20% reflectivity)
* Safety Regulation Level
	+ Class 1M
* Accessible Emission Limit (AEL)
	+ 304.8 nJ
* Reference Aperture
	+ 18mm length, 18mm width (20.3mm diameter if equivalent to circular)
* Max Laser Pulse Emission Power Within 5 Nanoseconds
	+ 60.96 W

**Vision Systems**

* Obstacle Sensing Range
	+ Forward: 0.6-38 m
	+ Upward/Downward/Backward/Sideward: 0.5-33 m
* FOV
	+ 65° (H), 50° (V)
* Operating Environment
	+ Surfaces with clear patterns and adequate lighting (> 15 lux)

**Infrared Sensing Systems**

* Obstacle Sensing Range
	+ to 10 m
* FOV
	+ 30°
* Operating Environment
	+ Large, diffuse, and reflective obstacles (reflectivity >10%)