

Video Output Port	Ethernet
Control Signal Input Port	S.Bus UART Ethernet UDP / TCP
Control Signal Output Port	S.Bus
High-Accuracy 3-Axis Stabilization	Yaw, Pitch, Roll
Working Voltage	11 ~ 25.2 V
Power Consumption	Average 9 W Summit 20 W
Waterproof Level	IP4X
Working Temperature	-10 ~ 50 °C
Dimension	134.5 x 140 x 201 mm (including the quick release anti-vibration claw)
Weight	854 g (including the quick release anti-vibration claw)

ZT30 Quick Release Anti-Vibration Claw

Dimension	140*140*63 mm
Weight	104g

Gimbal

Angular Vibration Range	±0.01°
Controllable Pitch Angle	-90°~+25°
Controllable Yaw Angle	Limitless
Roll Angle	-45°~+45°

Zoom Camera

Lens	30X Optical Zoom (180X Hybrid Zoom)
Focal Length	4.8 ~ 149mm (±5%)
Image Sensor	1/2.7 Inch, 8 MP effective resoultion
Aperture	F1.3 ~ 4.8 (±5%)
FOV	Without Zoom: Diagonal 65.4°, Horizontal 58.1° 30X Optical Zoom: Diagonal 2.48°, Horizontal 2.14°
Video Recording Resolution	4K (4096×2160) @ 30 fps 2K (2560×1440) @ 30 fps 1080p (1920×1080) @ 30 fps 720p (1280×720) @ 30 fps
Still Photo Resolution	4K (4096×2160)

Thermal Imaging Camera

Thermal Sensor	Uncooled VOx Microbolometer
Resolution	640 × 512
Digital Zoom	2X Digital
Lens	Focal Length: 19 mm Aperture: F1.1 Fixed Focus Athermalization
Wavelength Range	8 ~ 14um
Temperature Measuring Range	High Gain: -20 ~ +150°C Low Gain: 0 ~ +550°C
Temperature Measuring Accuracy	±2°C (-20 ~ +150°C) ±3°C (0 ~ +550°C)

Temperature Measuring Mode

Full-Image Thermometric

Point Thermometric

Box Thermometric

Wide Angle Camera

Image Sensor

1/2.8 Inch, 4 MP effective resolution

Equivalent Focal Length

20 mm

FOV

Diagonal 93°

Horizontal 84.5°

Video Recording Resolution

2K (2560×1440) @ 30 fps

Still Photo Resolution

2K (2560 × 1440)

Laser Rangefinder

Range	5 ~ 1200m
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Wavelength Range	900 ~ 908 nm
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Resolution	0.1 m
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Ranging Accuracy	± 1 m (3 ~ 100 m) $\pm 1 + L \cdot 0.25\%$ m, L=Length (100 ~ 600 m)
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Laser Pulse Frequency	3 Hz
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Max Laser Power	5 mW
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General Camera Specs

Video Storage Bitrate	15 Mbps (H.265 Codec)
File Storage Format	FAT32 ExFAT
Image Format	JPG
Video Format	MP4
Supported MicroSD Cards	MicroSD Class10, Max 256GB
Still Photography Mode	Single
Metering Mode	Evaluative metering