

Video Output Port	Ethernet / CVBS Micro-HDMI
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 6.5 W Summit 15 W
Waterproof Level	IP53

Dimension	73.5 x 75 x 131.5 mm
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Weight	Excluding Anti-Vibration Board: 177 g Including Anti-Vibration Board: 197 g
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## Gimbal

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Angular Vibration Range	$\pm 0.01^\circ$
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Controllable Pitch Angle	$-90^\circ \sim +25^\circ$
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Controllable Yaw Angle	$-270^\circ \sim +270^\circ$
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Rotatable Roll Angle	$-45^\circ \sim +45^\circ$
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Lens

Fixed Focal Length  
6x Digital Zoom

Equivalent Focal Length

20 mm

Image Sensor

Sony 1/2.7 Inch CMOS  
8 MP Effective Resolution

Aperture

F2.8

FOV

Diagonal 93°  
Horizontal 84.5°

Video Recording Resolution

4K (3840 x 2160) @ 30 fps  
2K (2560 x 1440) @ 30 fps  
1080p (1920 x 1080) @ 30 fps  
720p (1280 x 720) @ 30 fps

Still Photo Resolution

4K (3840 x 2160)

Thermal Sensor	Uncooled VOx Microbolometer
Resolution	640 x 512
Zoom	2X Digital
Lens	Focal Length: 13 mm Aperture: F1.0 Fixed Focus Athermalization
Wavelength Range	8 ~ 14 um
Temperature Measuring Range	High Gain: -20 ~ +150°C Low Gain: 50 ~ +550°C
Temperature Measuring Accuracy	±2°C (-20 ~ +150°C) ±5°C (50 ~ +550°C)
Temperature Measuring Mode	Point Anywhere Measurement Full Image Measurement Selected Box Measurement

## General Camera Specs

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