

ZENMUSE H30T

GENERAL

- Product Name Zenmuse H30 Series
- Dimensions 170×145×165 mm (L×W×H)
- Weight 920±5 g
- Power
- H30: 26 W
- H30T: 28 W
- Ingress Protection Rating IP54
- Supported Aircraft Matrice 300 RTK (requires DJI RC Plus), Matrice 350 RTK

Environment

- Operating Temperature -20° to 50° C (-4° to 122° F)
- Storage Temperature -20° to 60° C (-4° to 140° F)

Gimbal

- Stabilization System 3-axis (tilt, roll, pan)
- Angular Vibration Range
- Hover: ±0.002°
- Flight: ±0.004°
- Mounting
- Detachable DJI SKYPORT
- Mechanical Range
- Tilt: -132.5° to +73°
- Roll: ±60°
- Pan: ±328°
- (Structural limit, not controllable range)
- Controllable Range
- Tilt: -120° to +60°
- Pan: ±320°



GRIDX
metering and control

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- Infrared Thermal Camera (H30T) Thermal Imager
- Uncooled VOx Microbolometer Lens
- Focal Length: 24 mm (equivalent focal length: 52 mm)
- Aperture: f/0.95
- DFOV: 45.2°
- Digital Zoom Equivalent 32×
- Video Resolution 1280×1024@30fps
- Video Format MP4
- Video Subtitles Supported
- Video Codec and Bit Rate Strategy H264, H265
- CBR, VBR
- Photo Resolution 1280×1024
- Photo Format R-JPEG
- Pixel Pitch 12 μm
- Spectral Band 8-14 μm
- Noise Equivalent Temperature Difference (NETD) $\leq 50 \text{ mk}@f/1.0$
- Temperature Measurement Method
 - Spot Measurement, Area Measurement, Center Point Temperature Measurement
- Temperature Measurement Range
 - High Gain: -20° to 150° C (-4° to 302° F), -20° to 450° C (-4° to 842° F) (With Infrared Density Filter)
 - Low Gain: 0° to 600° C (32° to 1112° F), 0° to 1600° C (32° to 2912° F) (With Infrared Density Filter)
- Temperature Alert



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