

Link do produktu: <https://dronexpert.eu/dji-zenmuse-xt2-336x256-9hz-13mm-pomiar-radiometryczny-kamera-termowizyjna-p-13664.html>



DJI ZENMUSE XT2 336x256 9Hz 13mm pomiar radiometryczny Kamera termowizyjna

Dostępność	Na zamówienie
Czas wysyłki	14 dni
Producent	DJI

Opis produktu

GENERAL

Name	Zenmuse XT2
Dimensions	With 25 mm lens: 123.7×112.6×127.1 mm With other lens: 118.02×111.6×125.5 mm

THERMAL CAMERA

Thermal Imager	Uncooled VOx Microbolometer
FPA/Digital Video Display Formats	640×512 336×256 640×512: 1x, 2x, 4x, 8x 336×256: 1x, 2x, 4x
Digital Zoom	17 μm
Pixel Pitch	7.5-13.5 μm
Spectral Band	30 Hz
Full Frame Rates	<9 Hz
Exportable Frame Rates	<50 mk @ f/1.0
Sensitivity (NEΔT)	640×512: -25° to 135°C 336×256: -25° to 100°C
Scene Range (High Gain)	-40° to 550°C
Scene Range (Low Gain)	MicroSD card*
File Storage	JPEG, TIFF, R-JPEG
Photo Format	8 bit: MOV, MP4 14 bit: TIFF Sequence, SEQ**
Video Format	

IMAGE PROCESSING & DISPLAY CONTROL

Image Optimization	Yes
Digital Detail Enhancement	Yes
Polarity Control (Black Hot/ White Hot)	Yes

GIMBAL

Angular Vibration Range	±0.01°
Mount	Detachable
Controllable Range	Tilt: +30° to -90° Pan: ±320°
Mechanical Range	Tilt: +45° to -130° Pan: ±330° Roll: -90° to +60°
Max Controllable Speed	Tilt: 90°/s Pan: 90°/s

VISUAL CAMERA

Sensor	1/1.7" CMOS
Lens	Effective Pixels: 12 M Prime lens Focus at 8 mm FOV 57.12°× 42.44° 1x, 2x, 4x, 8x
Digital Zoom	JPEG
Photo Formats	MOV, MP4
Video Formats	4K Ultra HD: 3840×2160 29.97p
Video Resolutions	FHD: 1920×1080 29.97p
Working Modes	Capture, Record, Playback
Still Photography Modes	Single Shot Burst Shooting(3/5 frames) Interval (2/3/4/7/10/15/20/30 sec)
Video Caption	Supported
Anti-flicker	Auto, 50 Hz, 60 Hz
Storage	MicroSD card Max capacity: 128 GB. UHS-3 required Recommended model: Sandisk Extreme 16/32 GB UHS-3 microSDHC Sandisk Extreme 64/128 GB UHS-3 microSDXC
Supported File System	FAT 32 (≤32GB), exFAT (>32GB)

IMAGE PROCESSING & DISPLAY CONTROL

Color & Monochrome Palettes (LUT)	Yes
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MODELS - LENS AND RESOLUTION OPTIONS

Thermal Lens Models	9 mm, 13 mm, 19 mm, 25 mm
640×512 FoV, iFoV	N/A, f/1.25 45°×37° 1.308 mr, f/1.25 32°×26° 0.895 mr, f/1.1 25°×20° 0.680 mr
336×256 FoV, iFoV	f/1.25 35°×27° 1.889 mr, f/1.25 25°×19° 1.308 mr, f/1.25 17°×13° 0.895 mr, N/A
Min Focus Distance	3.2 cm, 7.6 cm, 15.3 cm, 30 cm
Hyperfocal Distance	2.1 cm, 4.4 cm, 9.5 cm, N/A
Hyperfocal Depth of Field	1.1 cm, 2.2 cm, 4.8 cm, N/A
Notes	The SD card, which is located near the lens, is used to store TIFF Sequence and SEQ infrared RAW video only. The other format footage will be stored in the other SD card. *It is recommended to use ImageJ to play the TIFF Sequence video and Flir Tools to play SEQ video