



WORKSWELL WIRIS MINI

Datasheet

Company contact details

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Web: www.drone-thermal-camera.com



WIRIS MINI technical specification

Thermal Imaging Camera	
Resolution	384 x 288 pixels
Temperature ranges	-10 °C to +250 °C
Temperature sensitivity	0.05 °C (50 mK)
Accuracy	±3 % or ±3 °C
Spectral range	8 – 14 μm, Uncooled VOx microbolometer
Calibration	Yes, the package includes the calibration certificate
Lens	Field of view 35° (13mm)
Focus	Manual (focused on infinity, Min focus distance depends on lens)
Digital zoom in IR	12x
Digital Camera	
Resolution	1600 x 1200 pixels
Focus and zoom	Fixed, 16x digital
Remote control & Video output	
Digital interfaces	PWM, S.BUS, USB 2.0 (data transfer, WIRIS Mini update and control)
Video output	Digital HDMI (1280 x 1024px), Analogue Video (NTSC, PAL)
Memory and data recording	
Image recording	Radiometric JPEG, Radiometric TIFF, Non-Radiometric, Digital camera JPEG
Video recording	No
GPS tagging	Yes, MavLink or GPS serial communication
Software	Internal / Micro SD card slot
Measurement functions	
Measurement functions	Max temperature, Min temperature
Emissivity correction	Yes
Power supply & dimensions	
Input supply voltage	7 – 28 V DC (< 6W power dissipation)
Dimensions	86 x 68 x 47 mm
Weight	<160g

