

WISPR 24MP Mapper



Camera

Sensor	Exmor APS-C CMOS
Sensor Size	1.11"
Sensor Width	0.93"
Sensor Height	0.61"
Photo Resolution	24 megapixels
Image Size	6000 x 4000
Photo Format	JPEG, HEIF, RAW
Video Resolution	1080P @ 60p max
Video Format	XAVC S: MPEG-4 AVC/H.264 AVCHD 2.0 / MP4
Shutter Type	Mechanical shutter/Electronic Shutter
Shutter Speed	Still images (Mechanical shutter): 1/4000 to 30 s
Exposure Compensation	+/- 5.0EV in 0.3EV steps
ISO Sensitivity	Still images: Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600; 51200 available with MFNR
PAL/NTSC	Supported

Camera Lens

Lens Options	Sony E Mount 16mm Lens
Field of view (FOV)	83°

Gimbal

Angular Vibration Range	±0.02°
Maximum Controlled Rotation Speed	Pan axis: 180°/s Tilt axis: 180°/s Roll axis: 180°/s
Mechanical Endpoint Range	Pan axis control: ±326° Tilt axis control: +45° ~ -125° Roll axis control: +45° ~ -45°
Controlled Rotation Range	Pan axis control: ±320° Tilt axis control: +40° ~ -120° Roll axis control: ± 40°
Operating Temperature	32°F – 122°F

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wisprsystems.com • 662.267.1551
sales@wisprsystems.com