

MS-7PL-F2

Dual-Spectral Camera Mount



Features

High Stability Design

- All-aluminum structure design, light and sturdy, good heat dissipation
- Triaxial stabilization
- $\pm 0.01^\circ$ image stabilization accuracy

Excellent Image Quality

- 2.0 Megapixel 1/2.8" Progressive Scan CMOS Sensor
- High definition and smooth picture, 1080p@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.001lux with color picture
- 3D noise reduction / HLC

Specifications

MS-7PL-F2	
Visual Light	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Resolution	Main stream: 1080p Secondary stream: D1
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.001lux @ F1.6 B/W: 0.0001lux @ F1.6
Shutter Speed	1 ~ 1/30,000s
Focal Length	4.7 ~ 141mm
Optical Zoom	30x
Frame Rate	Main stream: 1080p@30fps Secondary stream: D1@30fps
Compression	H.265 / H.264 / MJPEG
Angle of View	67.8° ~ 2.34° (Wide→Tele)
Max. Aperture Ratio	F1.6 (Wide) / F4.4 (Tele)
Storage	Up to 128GB Micro SD card, 32GB by default
Thermal	
Resolution	800 × 600
Lens	25mm
Frame Rate	800 × 600@25fps
Temperature Range (Low)	-20°C ~ 150°C / -4°F ~ 302°F
Thermal Sensitivity	<40mk@f1.0
Temperature Range (High)	160°C ~ 550°C / 320°F ~ 1022°F
Temperature Tolerance	2°C or 2%
Pan and Tilt	
Precision	$\pm 0.01^\circ$
Anti-vibration Axis	3 Axis
Pan / Tilt Range	Pan range: 360° Endless Tilt range: -120° ~ 30°
Pan / Tilt Speed	Pan speed: 200°/s Tilt speed: 200°/s
Auto-tracking	Supported
3D Positioning	Supported
Operating Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	$\leq 85\%RH$
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
Electrical	
Power Consumption	Max. 9W
Mechanical	
Weight	1.3kg / 2.87lb
Dimensions	202 × 136 × 202mm / 7.96" x 5.36" x 7.95"

Dimensions

Units:mm

