

MIC-OfP01

Fog-Penetration CCD Rear Camera

Revision Table

Date	Revision	Content	By
2025/3/3	0.1	First draft	Devin
2025/3/5	0.2	Second draft	Zoe
2025/8/7	0.3	Change Model Name	Mark
2026/3/9	0.4	Modify Appearance	Devin
2026/5/14	0.5	Upgrade Camera FOV	Devin

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Feature

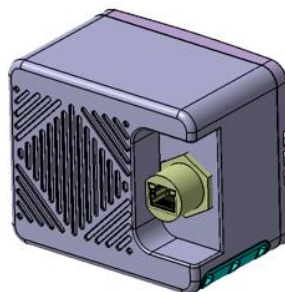
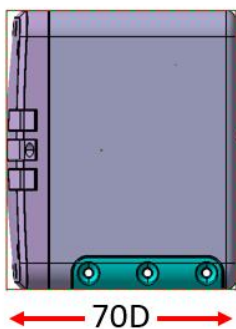
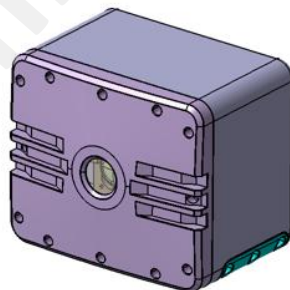
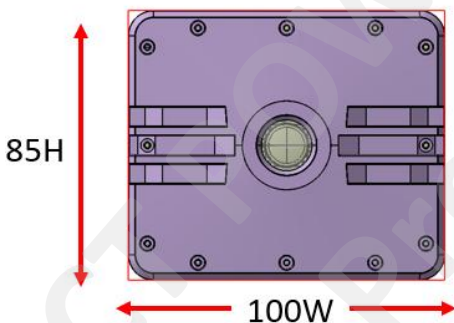
- FOV H: 110 Degrees, V: 40 Degrees
- Optimized Day & Night (Low-Light Performance)
- H.265 & H.264 Triple-Stream Encoding
- Fog Penetration Capability
- Noise Reduction
- Support Image Mirroring
- Ruggedized Design for Military Vehicle Application
- IP67 Rated for Dust and Waterproofing in Harsh Environment
- PoE for Streamlined Installation
- Meet MIL-STD-810G Compliance
- Meet MIL-STD-461 (EMC) Compliance

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Appearance



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Specification

Camera	
Focal Length	6mm Lens
Number of Effective Pixels	2560 × 1440
Field of View	H: 110°, V: 40°
Image Processing	Digital Image Detail Enhancement
Digital Zoom	1-4 Times
Image Stabilization	AI Image Stabilization
View Modes	Day & Night (Low Level Light)
Fog Penetration	Optical + Image Fogging
Image Mirroring	Support
Noise Reduction	Support
Image Processing	Digital Image Detail Enhancement (DDE)
Network Interface	Ethernet (10/100 Base-T) RJ-45 Connector
Power Supply	PoE Support
Power Consumption	~ 15 W
Ingress Protection	IP67
Dimension	100 (W) x 85 (H) x 70 (D) (mm)
Weight	~ 0.5kg

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The Fog-penetration CCD Rear Camera

Environment Compliance

Operating Temp.	-40°C to +55°C
Storage Temp.	-50°C to +60°C
Humidity	Less Than 90% RH
Shock	Design to Meet MIL-STD-810G
Vibration	Design to Meet MIL-STD-810G
EMI/EMC	Design to Meet MIL-STD-461

Environmental performance may vary according to the integration method or final integration scenario.

Ordering Information

Model Name	Description	Unit
MIC-OfP01	Fog-Penetration CCD Rear Camera	1

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