

MIC-OfP02

Fog-Penetration CCD Side Camera

Revision History

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

ACT POWER TAIWAN
Preliminary

MIC-OfP02

Fog-Penetration CCD Side Camera

Features

- FOV H: 40 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
- EMI/EMC Compliance, Fully Adheres to MIL-STD-461G

ACT POWER TAIWAN
Preliminary

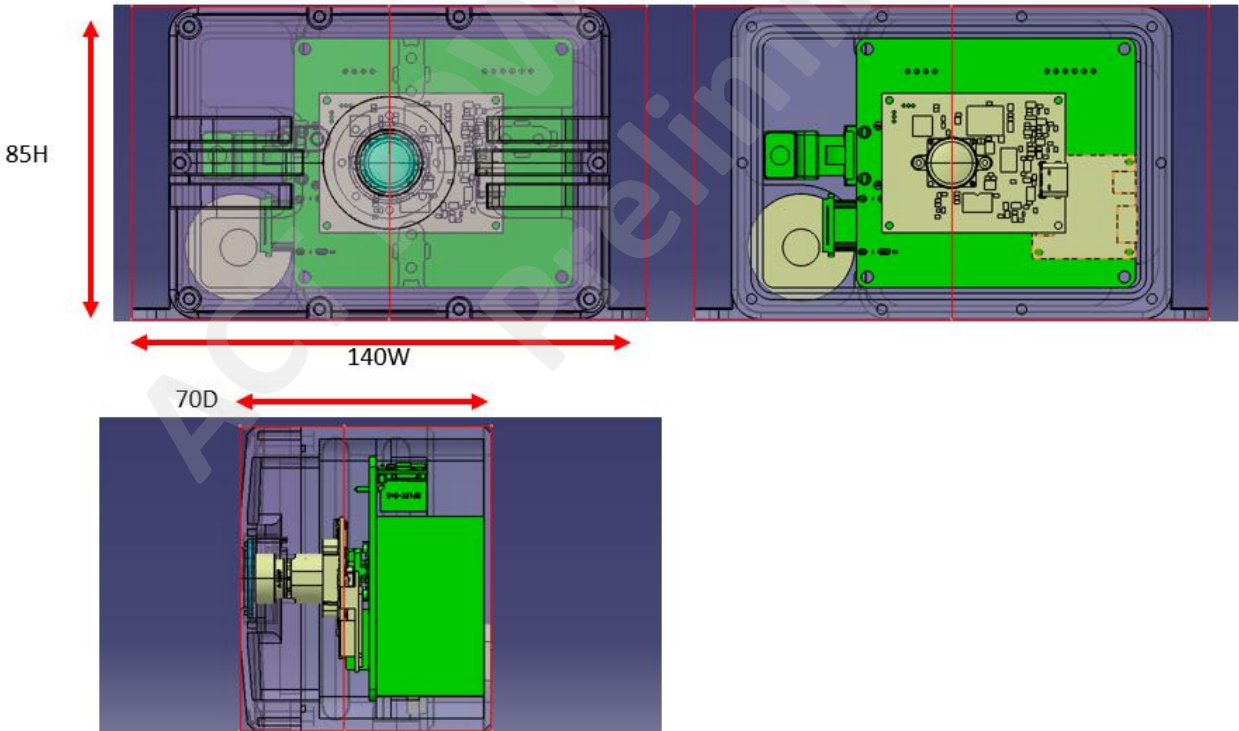
MIC-OFP02

Fog-Penetration CCD Side Camera

Appearance



140W x 85H x 70D



MIC-OfP02

Fog-Penetration CCD Side Camera

Specification

Camera	
Focal Length	8mm Lens
Number of Effective Pixels	1752 × 1752
Field of View	H: 40°, 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	Less Than 85 x 70 x 140 (mm) , TBD
Weight	TBD

MIC-OfP02

Fog-Penetration CCD Side 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-461G

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

Ordering Information

Model Name	Description	Unit
MIC-OfP02	Fog-Penetration CCD Side Camera	1

Disclaimer

This datasheet is for informational purposes only and does not constitute professional advice, a contractual obligation, or a guarantee of any kind. While efforts have been made to ensure accuracy, ACT POWER TAIWAN makes no representations or warranties, express or implied, regarding its completeness or reliability. ACT POWER TAIWAN reserves the right to update, modify, or withdraw this document at any time without prior notice. Users should verify the suitability of the product for their specific application through independent testing and validation. ACT POWER TAIWAN shall not be liable for any direct, indirect, or consequential damages arising from the use of this document.