



ME373A  
4K Ultra HD WDR Fixed Audio Dome

FLIR **MPX**<sup>™</sup>  
MULTI-FORMAT

**ME373A**

## 4K Ultra HD WDR Fixed Audio Dome

The FLIR 4K Ultra HD WDR Fixed Audio Dome Camera offers exceptional performance with 8MP resolution, providing brilliant image clarity and an incredible level of detail in recordings. This camera is compatible with popular analog HD systems<sup>1</sup> and features a built-in microphone for audio monitoring.<sup>2</sup>

### 4K HD PICTURE QUALITY

*4K Ultra HD (8MP 3840x2160) resolution provides the highest standard in image clarity and detail for evidence collection*

- 4K (8MP) Ultra HD, 8MP@15fps, 5MP@20fps, 4MP@30fps, 2MP@30fps
- 1/2" CMOS, 3.6mm lens, 100ft/31m IR
- True WDR (up to 100dB) for improved detail in challenging lighting conditions

### MULTI-FORMAT

*Compatible with popular analog HD formats<sup>1</sup>*

- Upgrade to Ultra HD without the expense of re-cabling<sup>3</sup>
- Compatible with popular analog HD formats (up to 5 MP)<sup>1</sup> & backwards compatible with Analog DVRs
- Quick video output format adjustment directly from the camera

### BUILT TO PERFORM

*Installation in challenging outdoor conditions*

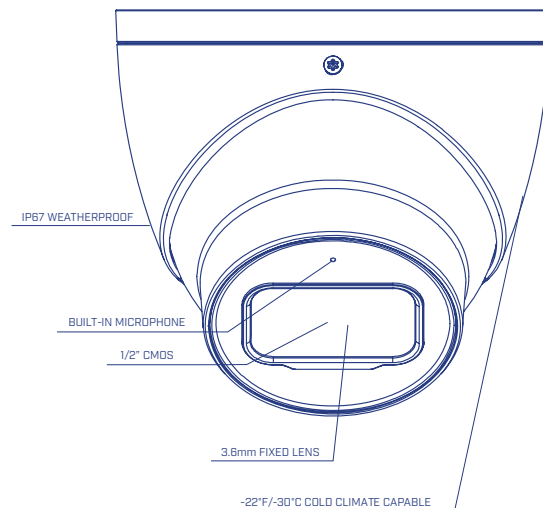
- IP67 weatherproof
- -22°F / -30°C Cold Climate Capable
- Long cable runs in 4K up to 700ft/214m<sup>3</sup>

## Specifications

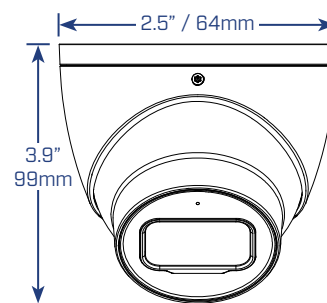
Camera		ME373A	
Imaging Device	Ultra HD 4K (8MP), 1/2" CMOS		
Effective Pixels	3840(H) × 2160(V)		
Imager Type	CMOS		
Image Readout	Progressive Scan		
Day / Night	Auto (ICR) / Color / B/W		
Mechanical IR Cut Filter	Yes		
Min. Illumination	0.1 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)		
S/N Ratio	≥65dB		
Horizontal Field of View	87° (H) field of view		
IR Illumination Distance	100ft/31m		
IR Wavelength	850nm		
IR On / Off Control	No		
Video Output	BNC (4K MPX/CVI, 5/4MP/1080p / CVBS Multi-format) <sup>1</sup>		
Electronic Shutter Range	1/3(1/4)~1/100,000		
Optical			
Lens Type	Fixed		
Mount Type	Board Type		
Iris Type	Fixed Iris		
Iris Control Type	AIS		
Focal Length	3.6mm		
Aperture	F1.6		
Optical Zoom	N/A		
Focus	Fixed		
Video			
Frame rates (Maximum)	4K(8MP)@15fps (MPX/CVI), 5MP@20fps (AHD/TVI), 4MP@30fps (MPX/CVI), 1080p@30fps (MPX/CVI/AHD/TVI), 960H@30fps (CVBS)		
Aspect Ratio	16:9		
Wide Dynamic Range	True WDR		
Dynamic Range	Up to 100dB		
Backlight Compensation	BLC / HLC		
White Balance	Auto / Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D/3D DNR		
Smart IR	Yes, Adjustable		
Digital Zoom	4x		
Video Mirroring/Rotation	Horizontal Mirror / Vertical Flip		
Video Overlay	Time / Date / Camera / Custom		
Window Blanking (Privacy)	Yes, up to 8 areas		
Defog	No		
Menu Languages	English / Spanish / Portuguese / Korean / Japanese / Chinese / Russian / Polish / French / German / Italian		
Mechanical			
Material	Aluminum Alloy		
Product Dimensions (Dia × H)	3.9 × 2.5" / 99 × 64mm		
Product Weight	0.77lb / 0.35kg		
Electrical			
Analog Video Out (service only)	Yes, full time		
Power Input	12V DC		
Power Consumption (maximum)	7.1W		
Current Consumption (maximum)	585mA		
Additional Features			
Built-in Heater	No		
Audio I/O	1 Input + Microphone built-in <sup>2</sup>		
Audio Encoding	G.711a / G.711u / PCM		
Alarm I/O	No		
Environmental			
Storage Temperature	-22°F ~ +140°F / -30°C ~ +60°C		
Storage Humidity	Less than 90% RH		
Operating Temperature	-22°F ~ +140°F / -30°C ~ +60°C		
Operating Humidity	Less than 90% RH		
Cold Start Temperature	-22°F / -30°C		
Ingress Protection	IP67 Rated		
Vandal Resistance	N/A		
Certifications			
Certifications	CE / FCC / RoHS		

### Disclaimers:

- For analog HD format compatibility, please see the 'Frame Rates' information in the table above.
- Audio is disabled by default. Audio recording and / or use of listen-in audio without consent is illegal in certain jurisdictions. FLIR Systems, Inc. assumes no liability for use of its products that does not conform with local laws.
- This camera should only be used with a power adapter (individually grounded) and extension cable meeting the specifications listed in the Quick Setup Guide / Installation Guide. Failing to use cables or power adapters meeting the required specifications will adversely affect performance.



## Dimensions



## Ordering Information

ME373A: 8-41430-01942-8

## Package Dimensions

ME373A: 6.1" × 6.1" × 5.3" / 155mm × 155mm × 135mm  
Weight: 1.4lbs / 0.6kg

For latest accessory / mount compatibility visit  
<http://flir.com/security/cameramounts>

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