



C247EW2  
Motorized WDR Dome Camera

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

**C247EW2**

*Motorized WDR Dome Camera*

The FLIR 2.1MP Motorized Varifocal WDR Dome Camera uses the latest MPX multi-format technology compatible with popular analog HD formats to deliver excellent 1080p picture quality over coax cabling. Ideal for retrofit applications, the camera is compatible with a wide range of analog HD DVRs for maximum flexibility. True WDR capability up to 100dB ensures excellent image quality around-the-clock.

#### **HIGH DEFINITION**

*High quality 1080p HD video over existing coax*

- 2.1MP HD, 1080p @ 25/30 FPS, 1/2.9" CMOS, 2.8-12mm lens, 100ft / 31m IR

#### **MULTI-FORMAT**

*Changing video output is made simple through the camera or recorder OSD*

- Compatible with popular analog HD formats
- Backwards compatible with Analog DVRs
- Dual BNC video output – MPX multi-format 1080p / 960H Analog

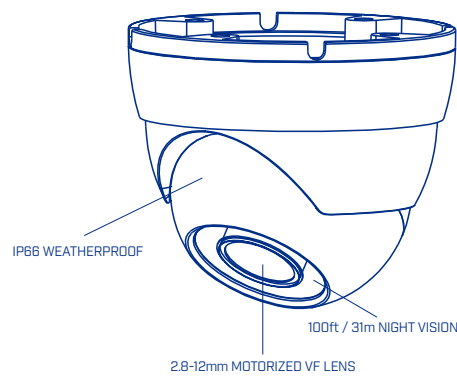
#### **WEATHERPROOF**

*Installation in any outdoor conditions*

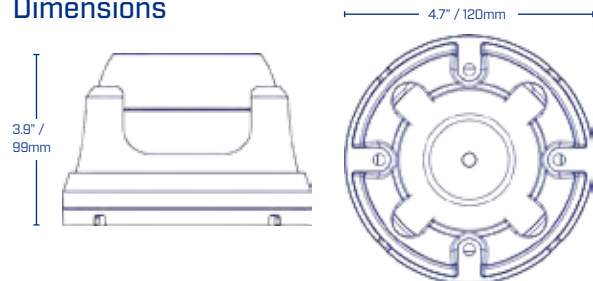
- +1000ft video cable runs supported
- IP66 weatherproof rated
- -22°F / -30°C Cold Climate Capable

## Specifications

<b>Camera</b>		<b>C247EW2</b>
Imaging Device	2.1 MP HD Sony Exmor™ 1/2.9"	
Effective Pixels	1985(H) × 1105(V)	
Image Type	CMOS	
Image Readout	Progressive Scan	
Day / Night	Auto (ICR) / Color / B/W	
Mechanical IR Cut Filter	Yes	
Min. Illumination	0.1 lux @ F1.2 (Color) 0.01 lux @ F1.2 (B/W)	
S/N Ratio	≤50dB	
Horizontal Field of View	102°~30° (H) field of view	
IR Illumination Distance	100ft (31m) IR Night Vision	
IR Wavelength	840~850nm	
IR On / Off Control	No	
Video Output	BNC (1080p Multi-format, Digital) BNC (960H, Analog)	
Electronic Shutter Range	1/30~1/60,000	
<b>Optical</b>		
Lens Type	Motorized Varifocal	
Mount Type	Board Type	
Iris Type	Fixed Iris	
Iris Control Type	AIS	
Focal Length	2.8-12mm lens	
Aperture	F1.4	
Optical Zoom	4.3x	
Focus	AF / Manual	
<b>Video</b>		
Frame rates (Maximum)	1080p @ 25/30fps	
Wide Dynamic Range	True WDR, User Adjustable	
Dynamic Range	Up to 100dB	
Backlight Compensation	BLC / HLC	
White Balance	Auto / ATW / Preset / Manual	
Gain Control	Adjustable	
Noise Reduction	3D DNR	
Smart IR	Yes, User Adjustable	
Digital Zoom	No	
Video Mirroring/Rotation	H Flip / V Flip / HV Flip	
Video Overlay	No	
Window Blanking (Privacy)	Up to 16 Areas	
Defog	On/Off	
Menu Languages	English, German, French, Spanish, Russian, Polish, Portuguese, Italian	
<b>Mechanical</b>		
Material	Aluminum Alloy	
Product Dimensions (Dia × H)	4.7" × 3.9" 120mm × 99mm	
Product Weight	1.4 lbs / 0.6 kg	



## Dimensions



<b>Electrical</b>	
Analog Video Out (service only)	Yes
Power Input	12V DC / 24V AC
Power Consumption (maximum)	7W (12V) / 11 W (24V)
Current Consumption (maximum)	530mA (12V) / 435mA (24V)
<b>Additional Features</b>	
Built-in Heater	N/A
Audio I/O	N/A
Alarm I/O	N/A
<b>Environmental</b>	
Storage Temperature	-40°F ~ +140°F / -40°C ~ +60°C
Storage Humidity	Less than 95% RH
Operating Temperature	-22°F ~ +140°F / -30°C ~ +60°C
Operating Humidity	Less than 85% RH
Cold Start Temperature	-22°F / -30°C
Ingress Protection	IP66 Rated
Vandal Resistance	No
<b>Certifications</b>	
Certifications	CE / FCC / RohS

## Ordering Information

Model #	UPC #	Package Dimensions	Package Weight
C247EW2	8-41430-01421-8	6.4" × 6.1" × 4.9" 163mm × 155mm × 125mm	1.6lb / 0.73kg

## Available Accessories:

C247EW2  
Wall Mount                      S3WF2G