

# FLIR MPX™

## MPX Eyeball Dome Cameras



C234EC / C234ECP  
1.3MP HD Varifocal WDR  
Dome MPX Camera



C237EC / C237ECP  
1.3MP HD Motorized Varifocal  
WDR Dome MPX Camera

The FLIR 1.3MP HD Varifocal WDR Dome MPX cameras use the latest HD-CVI technology and True WDR to deliver excellent 720p picture quality over coax cabling in any lighting condition. Ideal for retrofit applications, The cameras are compatible with FLIR MPX DVRs offering an upgrade to HD resolution without the hassle of running new cables. Dual video output offers simultaneous HD and 960H video streams. The C237 series adds the ability to remotely adjust zoom and focus.

### HD PICTURE QUALITY

*Outstanding image detail, both day and night*

- C234EC - 1.3MP HD, 720p @ 25/30 FPS, 1/3" CMOS, 2.8-12mm Varifocal lens, 100ft / 31m IR
- C237EC - 1.3MP HD, 720p @ 25/30 FPS, 1/3" CMOS, 2.8-12mm Motorized Varifocal lens, 100ft / 31m IR

### EASY INSTALLATION

*Upgrade to HD without the expense of re-cabling*

- Dual BNC output – MPX 720p / 960H Analog
- Cable pass-through bracket design
- Remote zoom and focus adjustment (C237 Series only)

### SUPERIOR PERFORMANCE

*Virtually no latency, extended cable runs up to 2296ft / 700m*

- IP66 weatherproof rated housings
- -22°F (-30°C) Cold Climate Capable

## Specifications

Camera	C234EC / C234ECP	C237EC / C237ECP
Imaging Device	1/3" Exmor™	
Effective Pixels	1305 (H) x 1049 (V)	
Image Type	CMOS	
Image Readout	Progressive Scan	
Day/Night	Y	
Mechanical IR Cut Filter	Y	
Min. Illumination	0.1 Lux @ F1.2 (Color)	
S/N Ratio	≥50dB (AGC OFF)	
Horizontal Field of View	30 - 80° (MPX / 960H)	
IR Illumination Range	100ft/30m	
IR Wavelength	840-850nm	
IR On/Off Control	N	
Video Output	BNC (720p MPX, Digital) BNC (960H, Analog)	
Electronic Shutter Range	1/60 (1/50) ~ 1/60,000	
<b>Optical</b>		
Lens Type	Board Type	
Focal Length	2.8-12mm	
F-Number	F1.4	
Zoom	Y - Manual	Y - Motorized*
Iris Control Type / Adjustment	Electronic / Auto or Manual	
<b>Video</b>		
Frame rates	25/30fps	
Backlight Compensation	BLC / HLC	
Wide Dynamic Range	True WDR	
White Balance	Auto / ATW / Preset / Manual	
Gain Control	AGC - 0-20 Selectable	
Noise Reduction	2D/3D - Low/Mid/High Selectable	
Window Blanking	Y - 15 Zone Selectable	
Menu Languages	English, German, French, Spanish, Russian, Polish, Italian, Portuguese	
<b>Mechanical</b>		
Construction	Aluminum Alloy	
Product Dimensions (Diag x H)	4.7" x 3.9" / 120mm x 99mm	
Product Weight	1.4lbs / 0.6kg	
<b>Electrical</b>		
Power Input	12V DC / 24V AC	
Power Consumption	8W	11.5W
Current Consumption	500mA (12V) / 315mA (24V)	740mA (12V) / 465mA (24V)
Built-in Heater	N	
Alarm I/O	N	
<b>Environment</b>		
Operating Temperature	-22°F - 122°F / -30°C - 60°C	
Operating Humidity	≤85% RH	
Ingress Protection	IP66	
Vandal Resistance	N	
<b>Certifications</b>		
Certifications	FCC, CE, ROHS	

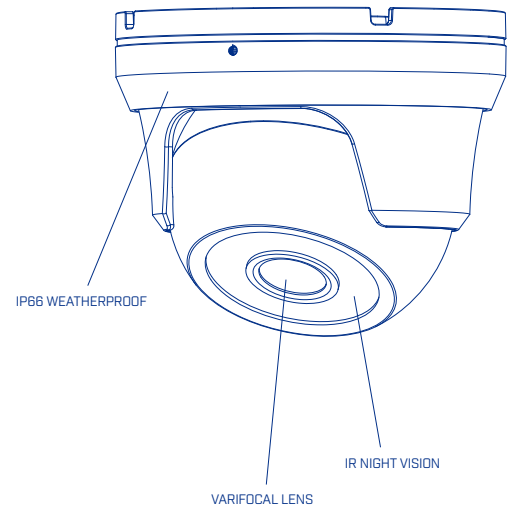
\* Remote Zoom/focus adjustment through DVR when using MPX video output only. No remote zoom/focus control supported through standard analog video output. Instead, OSD controller can be utilized during setup for zoom/focus adjustment

### Ordering Information

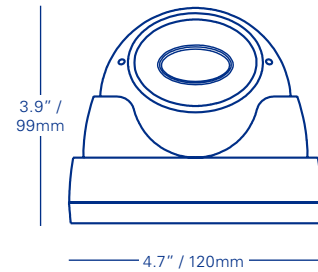
C234EC: 8-41430-01059-3  
 C237EC: 8-41430-01079-1  
 C234ECP: 8-41430-01117-0  
 C237ECP: 8-41430-01203-0

### Package Dimensions

6.4 x 6.1 x 4.9" / 162 x 155 x 125mm



### Dimensions



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