



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		
Optical			
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		
Video			
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		
Mechanical			
Construction	Aluminum Alloy		
Product Dimensions (Diag x H)	4.7" x 3.9" / 120mm x 99mm		
Product Weight	1.4lbs / 0.6kg		
Electrical			
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		
Environment			
Operating Temperature	-22°F - 122°F / -30°C - 60°C		
Operating Humidity	≤85% RH		
Ingress Protection	IP66		
Vandal Resistance	N		
Certifications			
Certifications	FCC, CE, ROHS		

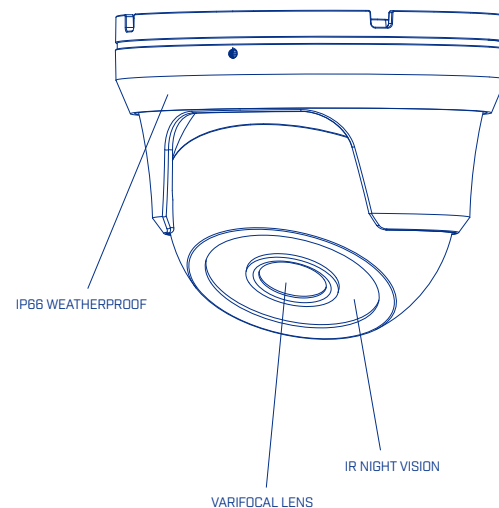
* Remote Zoom/focus adjustment through DVR when using MPX video output only. No remote zoom/focus control supported through standard analog video output. Instead, OSD controller can be utilized during setup for zoom/focus adjustment

Ordering Information

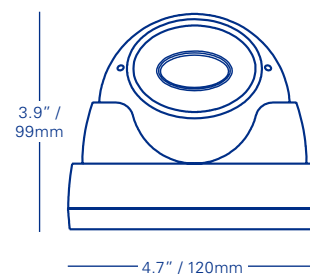
C234EC: 8-41430-01059-3
C237EC: 8-41430-01079-1
C234ECP: 8-41430-01117-0
C237ECP: 8-41430-01203-0

Package Dimensions

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



Dimensions



MARKHAM, ONTARIO

FLIR Systems, Inc.
250 Royal Crest Court
Markham, ON L3R 3S1
Canada
PH: +1 866.344.4674

PORTLAND

Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

www.flir.com/security
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2015 FLIR Systems, Inc. All rights reserved. [Created 01/29/15]