

# FLIR MPX™ MULTI-FORMAT

## C243BW2

### Fixed WDR Bullet Camera



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The FLIR 2.1MP HD Fixed WDR Bullet 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, 2.8mm lens, 82ft / 25m 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

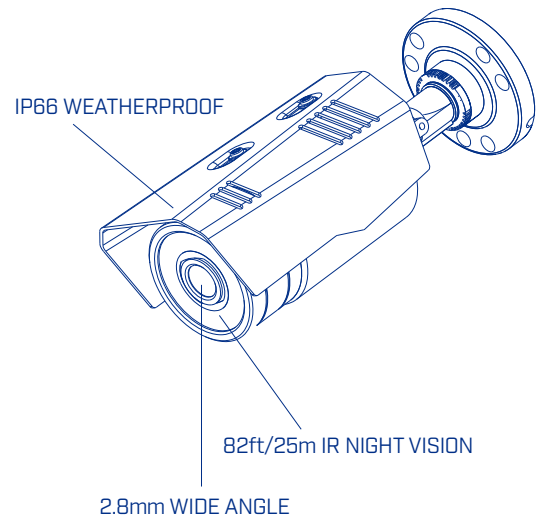
#### **WEATHERPROOF**

*Install almost anywhere*

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

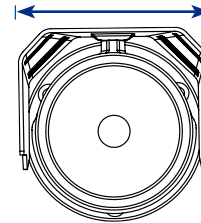
## Specifications

Camera		C243BW2
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 @ F2.0 (Color) 0.01 lux @ F2.0 (B/W)
S/N Ratio		≤50dB
Horizontal Field of View		105° (H) field of view
IR Illumination Distance		82ft (25m) IR Night Vision
IR Wavelength		840~850nm
IR On / Off Control		N
Video Output		BNC (1080p Multi-format, Digital) BNC (960H, Analog)
Electronic Shutter Range		1/30~1/60,000
Optical		
Lens Type		Fixed
Mount Type		Board Type
Iris Type		Fixed Iris
Iris Control Type		AIS
Focal Length		2.8mm
Aperture		F2.0
Optical Zoom		N/A
Focus		Fixed
Video		
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
Mechanical		
Material		Aluminum Alloy
Product Dimensions (W x H x D)		2.9" x 2.9" x 8.0" / 73 x 73 x 203mm
Product Weight		0.9lbs / 0.4kg
Electrical		
Analog Video Out (service only)		Yes
Power Input		12V DC
Power Consumption (maximum)		5.3W
Current Consumption (maximum)		440mA
Additional Features		
Built-in Heater		N/A
Audio I/O		N/A
Alarm I/O		N/A
Environmental		
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
Certifications		
Certifications		CE / FCC / RoHS

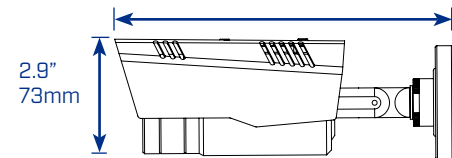


## Dimensions

2.9"  
73mm



8.0"  
203mm



## Ordering Information

C243BW2: 8-41430-01420-1

## Package Dimensions

4.8" W × 8.6" D × 4.5" H  
122mm W × 219mm D × 114mm H

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