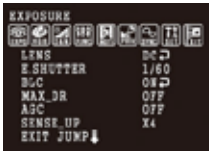# C233W
High Resolution Box Camera

Main Features
- 1/3" Sony Super HAD CCD II
- 620 TV Lines [B&W], 600 TV Lines [Color]
- Electronic Day and Night
- Auto Sensing 24VAC/12VDC with Line Lock
- RS-485 Built-in
- Compatible with C or CS Mount Lens

Super Vision at Anytime, Anywhere

INFINITY

Icon Driven OSD Menu

ICON Driven OSD Menu will easily guide you through programming options. Simple and fast programming.

Smart DNR (Digital Noise Reduction)

Smart DNR produces less noise and more color at night without image lagging.

HME (Highlight Masking Exposure)

Masks overly exposed light to produce a true video image of any environment.

Star-Light (Super Low Light Technology)

Offers a slow shutter feature that increases the length of time the shutter remains open to collect additional light, illuminating typically dark environments.

Programmable Privacy Zone

When privacy is a concern, monitoring can be masked in certain zones within the scene. The user can define up to eight rectangular exclusions.

WDR (Wide Dynamic Range)

Enables the camera to capture perfect images in both bright and dark environments simultaneously.

3-Axis Gimbal

Choose the exact scene you wish to view with our flexible 3-Axis Gimbal technology.
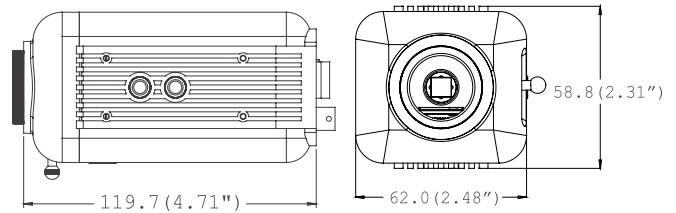

Smart IR-See what is really happening at night.

The breakdown of the video image into five zones allows for an even distribultion of the IR, which prevents excessive illumination.

INFINITY Box C233W

Dimensions (unit : mm)

58.8(2.31")

119.7(4.71")

62.0(2.48")

600TVL — High Resolution
Day & Night
HME — Highlight Masking Exposure
WDR
Dual Voltage

Summary

Our Infinity DSP Series ensures excellent color sensitivity and high resolution in both day and night applications. The technology utilizes Star-Light, Wide Dynamic Range, Highlight Masking Exposure, and other great features to help produce a clear horizontal resolution of up to 620 TV lines. Super Vision at Anytime, Anywhere.

Features

- 1/3" Sony Super HAD CCD II
- 620 TV Lines [B&W], 600 TV Lines [Color]
- Electronic Day and Night
- WDR (Wide Dynamic Range)
- Smart DNR (Digital Noise Reduction)
- Star-Light (Super Low Light Technology)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (8) & Motion Detection
- AGC (Auto Gain Control)
- BLC (Back Light Compensation)
- AWB (Auto White Balance)
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- RS-485 Built-in
- Compatible with C or CS Mount Lens

Specifications

VIDEO	
Image Sensor	1/3" Sony Super HAD CCD II
Total Pixels	811 (H) x 508 (V), 411K Pixels
Scanning System	2 : 1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal or External
Horizontal Resolution	620 TV Lines [B&W], 600 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.14 Lux [Color]
	F1.2 (30IRE): 0.03 Lux [B&W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Lens Type	Sold Separately, C or CS Mount Compatible
OPERATIONAL	
Back Light Compensation	OFF / BLC / HME / WDR
Auto Gain Control	OFF / LOW / MID / HIGH / HIGHEST
Star-Light	OFF / X2-X1024
3D Digital Noise Reduction	OFF / LOW / MID / HIGH / SMART
White Balance	AWC / ATW / MANUAL / PUSHLOCK
Mirror	OFF / MIRROR
Sharpness	0-30
Gamma	MANUAL / 0.45 / 0.60 / 1.0
Side Light Compensation	OFF / ON
Night Up	OFF / ON
Motion Detection	OFF / ON (4 Areas)
Privacy Zones	OFF / ON (8 Programmable Zones)
Dead Pixel Cancellation	OFF / AUTO
Languages	ENGLISH / MANDARIN / CANTONESE / JAPANESE /
	GERMAN / FRENCH / ITALIAN / RUSSIAN / SPANISH /
	DUTCH
ENVIRONMENTAL	
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
ELECTRICAL	
Power Requirement	Dual (12VDC & 24VAC)
Power Consumption	12VDC: 1.8W, 150mA
	24VAC: 2.4W, 100mA
MECHANICAL	
Housing Material	Aluminum
Dimensions	62.0 X 58.8 X 131.8 mm (2.44 X 2.31 X 5.19 in)
Weight	0.6 lbs

*Specification is subject to change without prior notice.

DIGITAL WATCHDOG — Everything's Digital