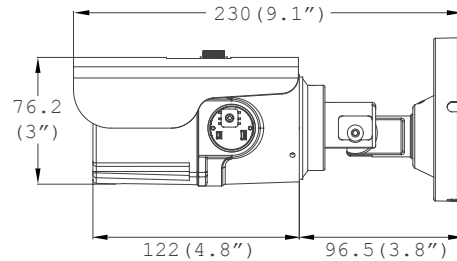




Dimensions (unit : mm)



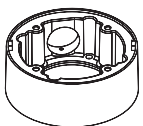
Summary

Digital Watchdog's OMNI-Plus Series is powered by our Infinity DSP technology and OMNI-Focus lens. Our Infinity DSP technology offers features like Star-Light, EWDR, Smart IR, and DIS to help produce clear images, and our OMNI-Focus lens simplifies field-of-view adjustment by utilizing three lenses to view fore-, mid-, and background as one. Together they offer a camera that is crisp, clear, and always in focus.

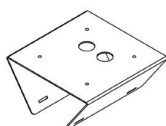
Features

- 1/3" Sony Super HAD II CCD
- 580 TV Lines [B&W], 560 TV Lines [Color]
- OMNI-Focus 2.8~8.5mm Auto Iris Lens, 3X Motorized Zoom
- 70ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night/IR Cut Filter)
- EWDR (Electronic Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- DIS (Digital Image Stabilizer)
- Star-Light (Super Low Light Technology)
- DSS (Digital Slow Shutter)
- HME (Highlight Masking Exposure)
- Programmable Privacy Zones (6) & Motion Detection
- AGC / BLC / AWB
- IP66 Certified (Weatherproof)
- No Fog or Condensation under Any Weather Condition
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- Secondary Video-BNC Output

Accessories (Optional)



DWC-BLJUNC
Junction Box for B1&B2 Housing



DWC-PMB-BU
Pole Mount for B1&B2 Housing

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	580 TV Lines [B&W], 560 TV Lines [Color]
Minimum Illumination	F1.2 (30IRE): 0.14 Lux [Color] F1.2 (30IRE): 0.00 Lux [B&W]
S/N Ratio	50dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	2.9-8.5mm
Lens Type	DC Auto Iris, OMNI-Focus
IR Distance	70ft Range IR
Zoom	3X Motorized Zoom
OPERATIONAL	
Brightness	0~99
E. Shutter	1/60 / 1/100 / FLC / 1/250~100000
Back Light Compensation	OFF / ON
Electronic Wide Dynamic Range	OFF / ON (0~20)
Auto Gain Control	OFF / LOW / MIDDLE / HIGH
Starlight	OFF / AUTO (x2~x256)
White Balance	AWC / ATW / MANUAL / PUSH
Day & Night	AUTO / COLOR / B&W
Sharpness	0~49
Gamma	User / 0.45~1.00
3D Digital Noise Reduction	OFF / LOW / MIDDLE / HIGH
Digital Zoom	OFF / ON (x1.0~x3.0 PTZ)
Highlight Masking Exposure	OFF / ON
Digital Image Stabilizer	OFF / ON
Privacy Zones	OFF / ON (6 Programmable Zones)
Dead Pixel Cancellation	OFF / AUTO
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)
IP Rating	IP66 (Protects against dust and high pressure water.)
ELECTRICAL	
Power Requirement	Dual (12VDC & 24VAC)
Power Consumption	12VDC: 1.8W, 125mA / LED ON 4.6W, 383mA 24VAC: 2.4W, 100mA / LED ON 4.9W, 204mA
MECHANICAL	
Housing Material	Aluminum
Dimensions	230 X 76.2 mm (9.1 X 3 in)
Weight	2.2 lbs

*Specification is subject to change without prior notice.