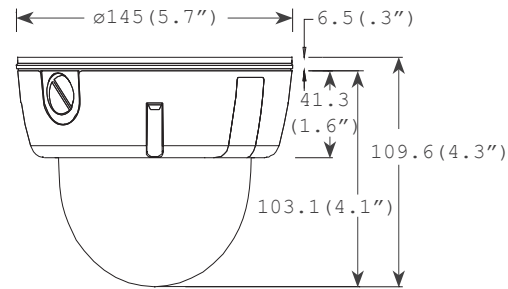




Dimensions (unit : mm)



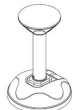
Summary

Digital Watchdog's OMNI-Plus Series is powered by our Infinity DSP technology and OMNI-Focus lens. Our Infinity DSP technology offers features like WDR, Star-Light, HME, and Smart IR 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 CCD II
- 620 TV Lines [B&W], 600 TV Lines [Color]
- OMNI-Focus 2.9~8.5mm Auto Iris Lens, 3X Motorized Zoom
- 70ft Range IR with Intelligent Camera Sync, Smart IR
- TDN (True Day and Night / IR Cut Filter)
- 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 / BLC / AWB
- IP66 Certified (Weatherproof)
- Easy Icon Driven OSD Menu with Built-in Joystick
- Auto Sensing 12VDC/24VAC with Line Lock
- RS-485 Built-in
- Secondary Video-BNC Output

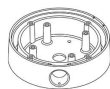
Accessories (Optional)



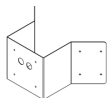
DWC-V1CM
Pendant Mount for V1&V3 Housing



DWC-V1WM
Wall Mount for V1&V3 Housing



DWC-V1JUNC
Junction Box for V1&V3 Housing



DWC-V1CNM
Corner Mount for V1&V3 Housing



DWC-V1CMAD
Pendant Mount Adapter for Extension

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): 0.00 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
OPERATIONAL	
Back Light	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 / PUSH-LOCK
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)
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	∅145 X 109.6 mm (∅5.7 X 4.3 in)
Weight	2.4 lbs

*Specification is subject to change without prior notice.