

## 4-in-1, Full HD 1080p Outdoor Eyeball Camera Semi Autofocus 2.8 ~ 12mm Lens, 90' IR Range



### FEATURES:

- ◆ Multi Format (TVI, CVI, AHD, 960H)
- ◆ Semi-Autofocus 2.8 ~ 12mm Lens
- ◆ Full HD 1080p Resolution
- ◆ 24 IR LED's / 90' IR Range
- ◆ True Day/Night Mechanical IR Cut Filter
- ◆ Digital Wide Dynamic Range
- ◆ Sense-up / Slow Shutter Speed
- ◆ UTC & Joystick Controllable OSD
- ◆ 12 Volt DC Power
- ◆ 3D Digital Noise Reduction
- ◆ 1/2.9" Sony CMOS Sensor
- ◆ IP66 Weatherproof



In-Line Cable Mounted OSD Control

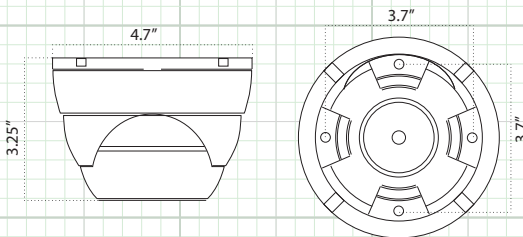


HDMEIR90



HDMEIR90W

### CAMERA OVERVIEW:

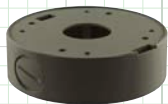


Side View / Bottom View & Mounting Configuration

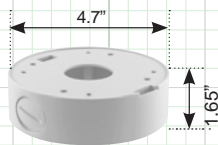
### INCLUDED ACCESSORIES:

1. Camera
1. User Manual
1. Mounting Screws

### RECOMMENDED ACCESSORIES:



DWMVFBB  
Gray Back Box



DWMVFBBW  
White Back Box

Note: Specification subject to change without notice

SPECIFICATION	HDMEIR90	HDMEIR90W
Image Sensor	1/2.9" CMOS Sensor	
Total Pixels	1984 x 1225	
Active Pixels	1920 x 1080	
Resolution	1920 x 1080 (1080p)	
Scanning System	Progressive Scan	
OSD (On Screen Display)	Dual OSD Access: Cable OSD Controlled / UTC Controlled (coaxial control)	
Digital WDR (Wide Dynamic Range)	Auto / Off / On - 0 ~ 8 Adjustable	
DNR (Digital Noise Reduction)	2D & 3D, Low, Middle, High, Off	
Video Output	TVI, CVI, AHD & 960H (Selectable via Dipswitch)	
Lens Type / Viewing Angle	TDN Semi Auto-Focus 2.8 ~ 12mm Lens / 28° ~ 90°	
Sense-up	Off / Auto (x2 ~ x30 Selectable)	
Shutter Speed	Auto, FLK, 1/30 ~ 1/50,000, x2 ~ x30	
IR Cut Filter	Built in Mechanical	
Minimum Illumination	Color 0.1 Lux, B/W 0.05 Lux, IR LED ON 0.0 Lux	
IR LED Count / Range	24 IR LED's / 90' Range / 850nm	
S/N Ratio	More than 52dB	
Automatic Gain Control	0 ~ 15 Adjustable	
Sync System	Internal	
Gamma Characteristics	γ = 0.45 typ	
White Balance	AWB / ATW / AWC->Set / Indoor / Outdoor / Manual	
Back Light Compensation	Off / BLC / HSBLIC	
HBLIC (High Back Light Compensation)	On / Off	
Day/Night	EXT / Auto / Color / B/W	
Mirror	Mirror / V-Flip / Rotate / Off	
Languages	English, French, Spanish, German, Italian (see OSD Menu for more)	
Brightness	0 ~ 100 Adjustable	
Motion Detection	On/Off (4 Zone Selectable)	
Privacy Mask	On/Off (4 Zone Selectable)	
Power Input	12VDC Only	
Power Requirement	150mA / 430 mA IR LED ON	
Overall Camera Dimensions	Φ 4.72" x 3.93" (120mm x 100mm)	
Housing / Color	Gray	White
Weight	1.7lb	
Operating Temperature	-14°F ~ 122°F	
Weatherproof Rating	IP66	