

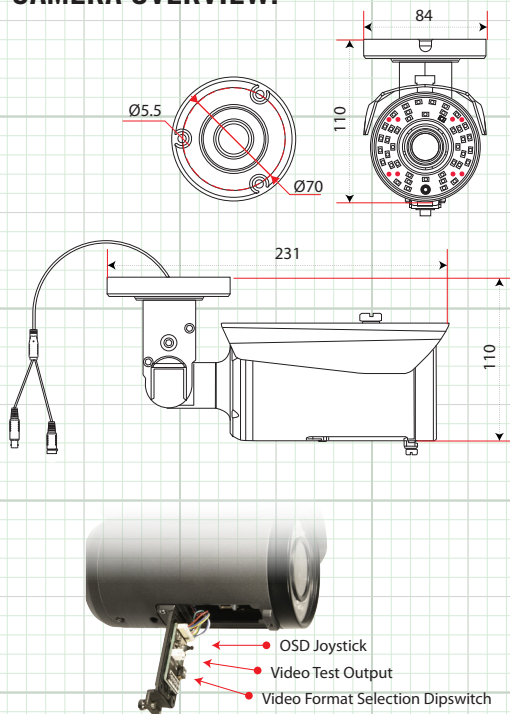
## 4-in-1, Full HD 1080p Outdoor Bullet Camera Semi Autofocus 2.8 ~ 12mm Lens, 120' IR Range



### FEATURES:

- ◆ Multi Format (TVI, CVI, AHD, 960H)
- ◆ Semi-Autofocus 2.8 ~ 12mm Lens
- ◆ Full HD 1080p Resolution
- ◆ 42 IR LED's / 120' IR Range
- ◆ Easy Access OSD Hatch
- ◆ Video Test Output & Cable
- ◆ True Day/Night Mechanical IR Cut Filter
- ◆ Digital Wide Dynamic Range
- ◆ Cable Management Mount
- ◆ 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

### CAMERA OVERVIEW:



### INCLUDED ACCESSORIES:

- User Manual, Mounting Screws,
- Video Test Cable, Adjustment Wrench

SPECIFICATION	HDMBIR120	HDMBIR120W
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: Built in Joystick 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	42 IR LED's / 120' 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 / HSBLC	
HBLC (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 /600mA IR LED ON	
Overall Camera Dimensions	9.1" x 3.3" x 4.3" (231mm x 84mm x 110mm)	
Housing / Color	Gray	White
Weight	1.6lb	
Operating Temperature	-14°F ~ 122°F	
Weatherproof Rating	IP66	

Note: Specification subject to change without notice