

HARRIER 18x AF-ZOOM HDMI 4K CAMERA

HDMI / CVBS

AS-CAM-18HDMI4K-A

- 4K – 3840 x 2160 30/25fps block camera
- 18x optical zoom, 32x digital zoom
- HDMI and CVBS video output

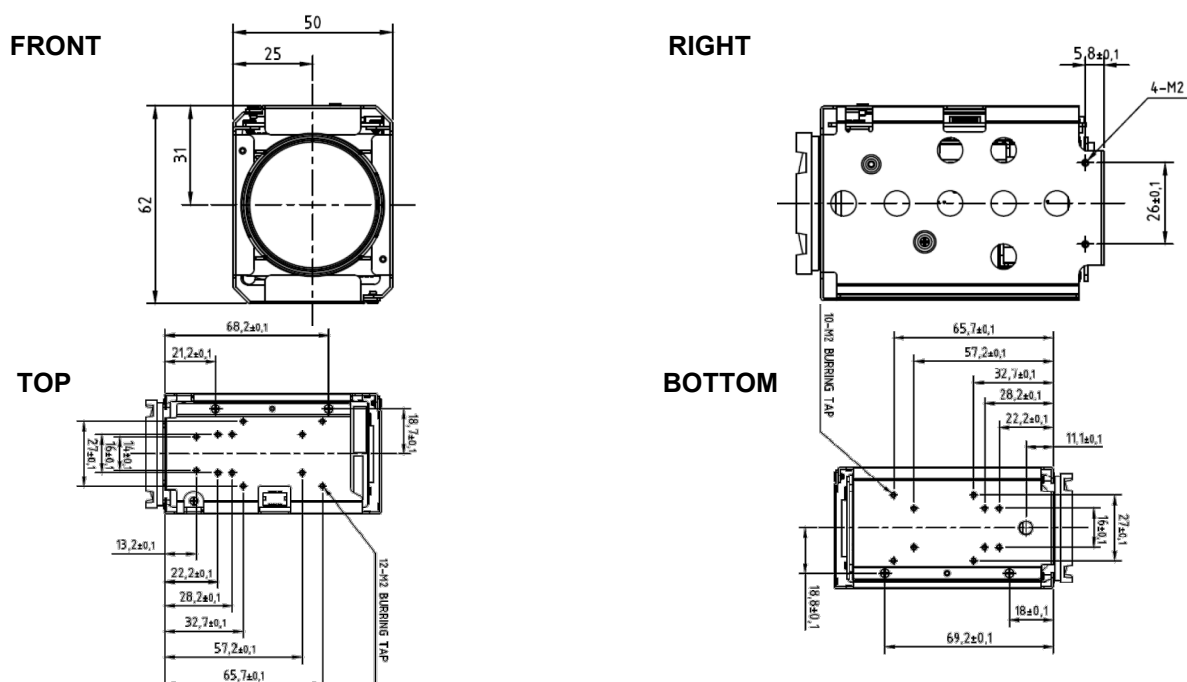
FEATURES

- 1/1.8" Sony 8.4MP IMX334LQR-C CMOS sensor
- 3840 x 2160 – 30/25fps, 1440p – 30/25 fps, 1080p – 30/25 fps, 720p – 30/25 fps, CVBS
- 18x Optical Zoom & 32x Digital Zoom
- Video Out: HDMI and CVBS
- Shutter speed 1/1~1/60,000
- Digital Image Stabilization and 2D/3D Noise Reduction
- Privacy Mask Function and Intelligent Motion Detection
- Antiflicker / Defog modes
- Day & Night mode - Infrared Cut filter Removal (ICR)
- High/Back Light Compensation (HLC/BLC)



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Dimensions





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Total Pixels	3,952(H) x 2,320(V) = 9.17M pixels	Eff. Pixels	3864(H) x 2180(V) = 8.42M pixels
Video Modes	3840x2160 – 30/25fps 2560x1440p – 30/25fps 1920x1080 – 30/25 fps 1280x720 – 30/25 fps CVBS	Viewing Angle (D x H x V)	Wide: 65.3° x 58.5° x 35° Tele: 4.2° x 3.7° x 2.1°
Aperture	F1.61 (wide) ~ F4.13 (tele)	Focal length	f = 6.8 mm ~ 120 mm
Shutter spd.	1/1 ~ 1/60,000 sec	Min. Dist. ¹	50cm
Zoom speed	0 (slow) -7 (fast)	S/N ratio ²	>50dB (AGC off)
Minimum Illumination	1/30s, 72dB 0.012lux color 1/30s, 72dB 0.0019lux B/W	Exposure	Auto / Iris Priority / Shutter Priority / Manual
AGC ³ (Gain)	0 ~ 10 steps	DWDR ⁴	Off / Auto / Manual
DNR ⁵	2D / 3D, 0-15 steps each	Day & Night	Auto / Day / Night / External input
White Balance	Auto / One Push / Manual / Indoor / Outdoor / Auto-Ext	DSS ⁶	Off / 2x / 4x / 8x / 16x / 32x
Motion	Detection OFF / ON (4 positions)	Flickerless	Off / On / Auto
Comms.	USB-UART, 5V CMOS	Protocol	Pelco-P / Pelco-D / VISCA
Baud Rate	2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200 bps	Other features	Defog, Area intrusion, line crossing, Privacy, BLC / HLC.
Voltage	9-15V DC	Current	Max 590mA @12V
Storage	-20°C – +60°C (Humidity: 0%RH – 90%RH)	Operation	-10°C – +50°C (Humidity: 0%RH – 90%RH)
Dimensions	98(L) x 50(W) x 62(H) (mm)	Weight	293g

1. Minimum Distance; 2. Signal-to-Noise ratio; 3. Automated Gain Control; 4. Digital Wide Dynamic Range; 5. Digital Noise Reduction; 6. Digital Slow Shutter

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
AS-CAM-18HDMI4K-A	Harrier 18x AF-Zoom HDMI 4K Camera
AS-CAM-18HDMI4K-EVAL-A	Evaluation Kit for the Harrier 18x AF-Zoom HDMI 4K Camera



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