

BHD-80H HIGH RESOLUTION HDMI CAMERA

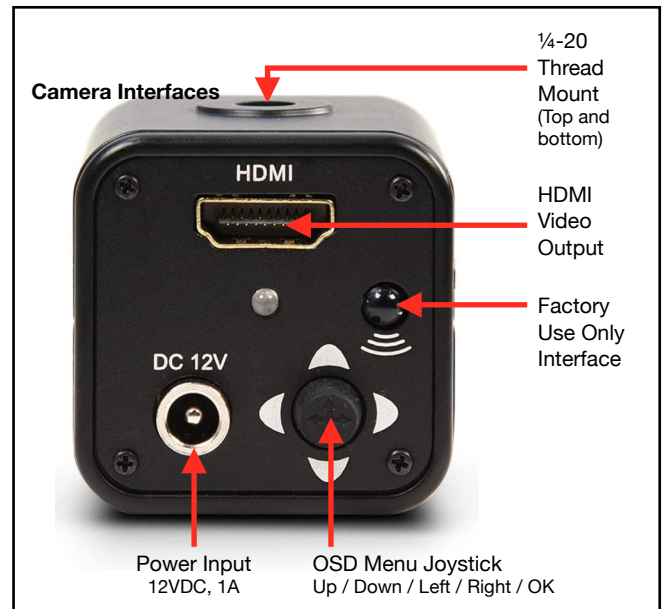


KEY FEATURES

- 8MP Sony CMOS Sensor
- Ultra HD Video
- HDMI Output Direct to Monitor
- On-Screen Configuration Menu
- Selectable On-Screen Line/Grid Overlay
- Horizontal and Vertical Image Flip
- Excellent Image Quality
- Durable Metal Case
- Compact Design

SPECIFICATIONS

Image Sensor	1/2.8" CMOS, 2.8µm pixel, rolling shutter
Resolution	3840 (H) x 2160 (V), 8MP
Video Output	HDMI 2160p30/25/24fps, 1080p60/50/30/25fps, 1080i60/50fps, 720p60/50fps
Minimum Illumination	Colour: 1.0 lux, B&W: 0.5 lux Colour (DSS): 0.017 lux, B&W (DSS) 0.0008 lux
S/N Ratio	More than 50dB (AGC off)
WDR	D-WDR (digital), DS-WDR (double scan)
Shutter Speed	AUTO/Manual (1/30 ~ 1/30,000 sec)
Day/Night	AUTO / Colour / B&W
White Balance	AUTO / Manual
Digital Noise Reduction (DNR)	OFF / Low / Middle / High
Backlight Compensation	AUTO / Manual
Lens Mount	CS (CS-mount to C-mount adapter included)
Power / Current	DC 12V / 400mA (1A AC adapter included)
Mounting	¼"-20 camera tripod thread hole, top and bottom
Operating Temperature	-10°C ~ +60°C (+14°F ~ +140°F) 20% ~ 80% RH
Dimensions (mm)	43 (W) x 43 (H) x 49 (D)
Weight (g)	200



Dimensions (mm):



* Due to the ongoing updates and improvements, specifications are subject to change without notice.

ON SCREEN DISPLAY (OSD) MENU

The OSD joystick located on the back of the camera allows for configuration of the camera features. The joystick provides UP / DOWN / LEFT / RIGHT and SELECT (OK) functions.

MENU OPTIONS			
Image Effect	White Balance	Auto, Manual, Manual One Time	
	Exposure	± 2 F-stops, selectable in 1/3 stop increments	
	ISO	Auto, Manual (100 to 1600)	
	Electronic Shutter	Auto, Manual (1/10 sec. ~ 1/2000 sec.)	
	Brightness	0 ~ 100	
	Contrast	0 ~ 100	
	Sharpness	0 ~ 100	
	Saturation	0 ~ 100	
	Horizontal Mirror	Flip image horizontally.	
	Vertical Mirror	Flip image vertically.	
	Color	Color, Sepia, Black & White	
	Cross Line	Display	Turn line overlay feature ON/OFF.
		Horizontal Lines	Select the number of horizontal lines to be displayed on screen (0, 1, 2, 3, 4, 9, 13 lines).
Vertical Lines		Select the number of vertical lines to be displayed on screen (0, 2, 3, 7, 8, 10, 12, 13, 14, 15 lines).	
Line Color		Select the preferred line colour (white, yellow, green, red, black, blue)	
Line Width		Select the preferred line thickness (1~8).	
Setup	HDMI Resolution	Select the preferred HDMI output resolution, monitor dependent (Auto, 3840x2160p24, 1920x1080p60/p50, 1920x1080i60/p50, 1280x720p60/50)	
	Beep Sound	ON/OFF	
	Display Mode	Normal (live mode), Compare (split screen half live mode and half image frozen), Freeze (full frame freeze).	
	Show Menu Time	Select the time before OSD turns off (15s, 30s, 1m, 2m, 3m).	
	Language	Select the preferred OSD language.	
	Frequency	Output display frequency 50Hz, 60Hz	
	Default Setting	Set camera back to factory defaults.	
	Version	Camera firmware version. Not field upgradeable.	