

CAMARAS DATAVIDEO 2023

Model	BC-80	BC-50	BC-15P
Código Crambo	70666	72112	84229
Product	HD Block Camera	1080P IP Camera with Streaming Encoder	4K POV Camera
URL	https://www.datavideo.com/eu/product/BC-80	https://www.datavideo.com/eu/product/BC-50	https://www.datavideo.com/eu/product/BC-15P
Video format/Resolution	1080p 59.94/50/29.97/25 1080i 59.94/50 720p 59.94/50	1080p 60/50/30/25 1080i 60/50 720p 60/50	2160p 60/59.94/50/30/29.97/25 1080p 60/59.94/50/30/29.97/25
Image Sensor	1/2.8" type progressive scan CMOS sensor	1/2.7" progressive scan CMOS sensor	1/2.3" CMOS
Effective Pixels (approx.)	2.14 Mega pixels	2.07 Mega pixels	12.3Mega Pixels
S/N Ratio	50 dB	55 dB	50 dB
Min. Illumination	Color : 0.4 lx (F1.6, 1/30 sec, 50IRE, Gain: High) B/W : 0.03 lx (F1.6, 1/30 sec, 50IRE, Gain: High)	0.05 Lux @ (F1.8, AGC ON)	0.5Lux (F1.0, AGC ON)
Electronic Shutter	1/25~1/1250 sec (50/25Hz) 1/30~1/1500 sec (59.94/29.97Hz)	1/30 ~ 1/10000 sec	1/25(1/30), 1/50(1/60), 1/75(1/90), 1/100(1/120), 1/125(1/150), 1/150(1/180), 1/200(1/210), 1/500(1/600), 1/1000(1/1200), 1/2000(1/2400), 1/4000(1/4800), 1/8000(1/9000) sec
Zoom Ratio	30x Optical Zoom	20x Optical zoom, 16x Digital zoom	2x Digital Zoom
Gamma Control	Off / Normal / Standard Mode 1-4	Off / Normal	Standard / Mode1 / Mode2 / Mode3
Iris Control	Auto / Manual	Auto / Manual	Fixed IRIS (F1.0)
Digital Noise Reductions	Yes	2D & 3D	2D/3D
On-Screen Display (OSD)	English	English, Simplified Chinese, Traditional Chinese	English/Simplified Chinese/Traditional Chinese
White Balance	AWB, MWB, One push WB, Outdoor, Indoor, Fluorescent	Auto, Manual, One Push, 3000K, 4000K, 5000K, 6500K 1, 6500K 2, 6500K 3	Auto, Indoor, Outdoor, OnePush, Color Temp., R/B Gain, Lock
AGC / Gain Control	Auto / Manual (0 to 28 step) Max. Gain Limit (6 to 28 step)	Auto / Manual (0 to 28 step) Max. Gain Limit (6 to 28 step)	Auto(AGC) / Manual / Lock (Follow Exposure Mode)
Mirror / Flip Image	Yes	Yes	Yes
Focus Mode	Auto / Manual	Auto / Manual	Full Manual
Panning / Tilting Range	----	----	----
Panning / Tilting Speed	----	----	----
Preset	10 Position	----	----
Focal Length	f=4.3 mm (WIDE) to 129 mm (TELE) F1.6 to F4.7	f=4.3 mm (WIDE) to 88.5 mm (TELE) F1.6 to F4.7	Standard Lens: 6mm Wide Lens: 2.8mm
Field of View (Horizontal, Wide)	Approx. 63.7° (WIDE END) / 2.3° (TELE END)	Approx. 63.7° (WIDE END) / 2.3° (TELE END)	Standard Lens: H: 38.6, V:21.9, D: 44.1 Wide Lens: H: 75.5, V:46.6, D:82.7
Image Compensation	Day & Night function	Day & Night function	Auto
Video Output	HDMI (V1.3) x 1 3G-SDI x 1	3G/HD-SDI x1	HDMI 2.0 x1 RJ45 x1
Audio Input	----	3.5mm Jack (Stream Output Only)	3.5mm Line in/Mic in (Stereo)
Tally LED	Dual color (Red, Green)	Dual color (Red, Green)	Dual color (Red, Green)
Lens Filter	M52.0 x 0.75 Thread with UV Protection	M52.0 x 0.75 Thread with UV Protection	IR cut built-in
Control Protocol	VISCA / DVIP Protocol	VISCA, Pelco-D, Pelco-C	DVIP
Remote Control Interface	RS-422: Transmit up to 1000m DVIP (RJ45): 100m	RS-485: Transmit up to 1000m	RJ-45: for IP control (DVIP)
Video Compression Format	----	H.265, H.264, MJPEG	H.264, H.265, one stream output
Audio Compression Format	----	AAC	AAC
Audio Bitrate	----	----	128Kbps
HD IP Interface	----	----	10/100/1000M
Streaming Protocols	----	TCP/IP, HTTP, RTSP, RTMP, DHCP, Multicast, etc	TS over TCP/UDP, RTMP(S), HLS, SRT
First Stream Supported Resolution	----	----	1920x1080 1280x720 1024x576 960x540 640x480 640x360
Second Stream Supported Resolution	----	----	1920x1080 1280x720 1024x576 960x540 640x480 640x360
Video Bitrate	----	----	1Mbps ~ 7Mbps (Single Stream) 1Mbps ~ 7Mbps (Copy Stream) 1Mbps ~ 4Mbps (Dual Stream)
Video Bitrate Mode	----	----	VBR, CBR
Encoding Frame rate	----	----	50Hz: 1-25fps 60Hz: 1-30fps
POE	----	IEEE 802.3 af	IEEE802.3af
F/W Update	USB	Ethernet	Ethernet
IR Control	Yes	----	----
Camera Control Unit	RMC-180 series/RMC-300 series/PTZ View Assist APP	----	RMC-300 series/PTZ View Assist APP
Tripod Mount	1/4-20 UNC	1/4-20 UNC	1/4-20 UNC
Optional Accessories	----	----	----
Color	Dark blue	Dark blue	Black
Dimension (LxWxH)	71 x 202 x 83 mm	71 x 162 x 83 mm	77mm (W) x 82mm (D) x 78mm (H)
Weight	0.7 kg	0.7 kg	200 g
Operating Temp. Range	0~40 °C	0~40 °C	0~40 °C
Power	DC 12V 15W	DC 12V 6W	DC 12V 9W
What's in the Box	1 x BC-80 main unit 1 x IR remote control 1 x DC 12V power adaptor	1 x BC-50 main unit 1 x DC 12V power adaptor	1 x BC-15P Main Unit 1 x Standard Lens (attached on camera with lens cap) 1 x Wide-angle Lens (attached with lens caps) 1 x DC 12V power adaptor