1 ~ 5-Megapixel All-in-One Compact Camera Series

HDTV
Fixed Lens
Affordable

	OB-130Af / OB-200Af OB-300Af	OB-400Af / OB-500Af	VD-130Af / VD-200Af VD-300Af / VD-400Af VD-500Af	VD-200Nf / VD-300Nf	FD-101Af / FD-131Af FD-201Af / FD-301Af FD-401Af / FD-501Af	VD-101Af / VD-131Af VD-201Af / VD-301Af VD-401Af / VD-501Af
Hardware						
Flash/Memory	32MB/256MB	32MB/256MB	32MB/256MB	32MB/ 256MB	32MB/256MB	32MB/256MB
Image Sensor	CMOS	CMOS	CMOS	Sony Exmor™ CMOS Sensor & ISP	CMOS	CMOS
Sensor Size	1/2.5" CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.8" CMOS	1/2.5" CMOS	1/2.5" CMOS
S/N Ratio	38.1dB	38.1dB	38.1dB	>50dB	38.1dB	38.1dB
Shutter Speed	1/20000 s ~ 1/5 s	1/20000 s ~ 1/5 s	1/20000 s ~ 1/5 s	1/10000 s ~ 1/5 s	1/20000 s ~ 1/5 s	1/20000 s ~ 1/5 s
Max. Resolution	2048x1536	2592x1944	2592x1944	2048x1536	2592x1944	2592x1944
Lens Included	Yes	Yes	Yes	Yes	Yes	Yes
Lens Mount	M12 Mount	M12 Mount	M12 Mount	M12 Mount	Board Mount	Board Mount
Focal Length	f=4mm	f=6mm	f=4mm	f=4mm	f=4mm	f=4mm
F Value	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6
Min. Illumination	0 lux(IR ON,B/W) 2 lux(F1.6,Color)	0 lux(IR ON,B/W) 2 lux(F1.6,Color)	1 lux(F1.6,B/W) 2 lux(F1.6,Color)	0.01 lux(F1.6,B/W) 0.3 lux(F1.6,Color)	0 lux(IR ON,B/W) 2 lux(F1.6,Color)	0 lux(IR ON,B/W) 2 lux(F1.6,Color)
Auto Iris Support	No	No	No	No	No	No
Infrared LED/Distance	35pcs/20m	35pcs/20m	-	-	12pcs/10m	12pcs/10m
Mechanical ICR	Yes	Yes	-	-	Yes	Yes
PIR/White LED	-	-	-	-	-	-
Multiple Video Streaming	Yes	Yes	Yes	Yes	Yes	Yes
Frame Rate (fps)	30 (1M 720p), 30 (2M 1080p), 18 (3M)	30 (1M 720p), 30 (2M 1080p), 18 (3M), 15 (4M), 10 (5M)	30 (1M 720p), 30 (2M 1080p), 18 (3M), 15 (4M), 10 (5M)	30 (1M 720p), 30 (2M 1080p),20 (3M)	25 (1M 720p), 25 (2M 1080p), 18 (3M), 14 (4M), 9 (5M)	25 (1M 720p), 25 (2M 1080p), 18 (3M), 14 (4M), 9 (5M)
Audio (G.711/AMR)	Yes	Yes	No	No	Yes	Yes
Audio Streaming	2 way	2 way	-	-	2 way	2 way
Audio In/Out	Yes	Yes	-	-	Yes	Yes
Built-in Microphone/Speaker	-	-	-	-	-	-
DI/DO	Yes(1/1)	Yes(1/1)	-	-	Yes(1/1)	Yes(1/1)
RS-485	Yes	Yes	-	-	-	-
Analog Video Out	-	-	Yes	Yes	-	-
Wireless	-	-	-	-	-	-
HW WPS Button	-	-	-	-	-	-
Local Storage	Micro SD/SDHC/SDXC Slot Max.64G	Micro SD/SDHC/SDXC Slot Max.64G	Micro SD/SDHC/SDXC Slot Max.64G	Micro SD/SDHC/SDXC Slot Max.64G	-	-
Environment	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Outdoor (IP66)	Indoor	Outdoor (IP66)
Power Input/ Operating Temperature	DC 12V/802.3af PoE (-20°C ~ 50°C)	DC 12V/802.3af PoE (-20°C ~ 50°C)	DC 12V/802.3af PoE (-20°C ~ 50°C)	DC 12V/802.3af PoE (-20°C ~ 50°C)	DC 12V/802.3af PoE (0°C ~ 50°C)	DC 12V/802.3af PoE (-20°C ~ 50°C)
Operating Humidity	10%~80%	10%~80%	10%~80%	10% ~ 80%	10%~80%	10%~80%
Others						
	Lens Changeable f=6mm/ f=8mm	Lens Changeable f=8mm	Lens Changeable f=2.8mm (only for 1.3M, 2M) f=6mm/f=8mm/f=3.6mm	IK10 Lens Changeable f=2.8mm (only for 2M) f=3.6mm		IK10

* For detailed FOV info, please refer to Brickcom datasheets.

PTZ / Speed Dome

	PZ-040D/E 12xp	OSD-040D/E 36xp	OSD-200A 20xp
Image Sensor	Sony Super HAD CCD	Sony Super HAD II CCD & Effio DSP	SONY Progressive CMOS sensor
Sensor Size	1/4" CCD	1/4" CCD	1/2.8" CMOS
S/N Ratio	>50dB	>50dB	>50dB
Shutter Speed	NTSC:1/10000~1/60 PAL: 1/10000~1/50	NTSC:1/10000~1/60 PAL: 1/10000~1/50	1/10000 s ~ 1/1 s
Max. Resolution	NTSC: 720x480 / PAL: 720x576	NTSC: 720x480 / PAL: 720x576	1920 x 1080
Lens Included	Yes	Yes	Yes
Lens Mount	Board Lens	Board Lens	Board Lens
Focal Length	3.8~45.6 mm	3.4~122.4 mm	4.7~94 mm
F Value	F1.6 -F2.7	F1.6 -F4.5	F1.6
Optical Zoom	12x	36x	20x
Lens View Angle H/V/D	4.49°~52.8°	2.0°~61.2°	55°~4°/32°~2°/62°~5°
Min. Illumination	0 lux(IR ON,B/W)0.8 lux(F1.6~2.7,Color)	0.01 lux(F1.6~4.5,B/W)0.1 lux(F1.6~4.5,Color)	0.01 lux(F1.6,B/W) 0.05 lux(F1.6,Color)
Auto Iris Support	Yes	Yes	Yes
Day&Night			
Mechanical ICR	Yes	Yes	Yes
Infrared LED/Amount	14 pcs	-	-
Infrared LED/Distance	16 m	-	-
Video Compression/Frame Rate			
H.264(fps@max.res.)	(NTSC:30fps / PAL:25fps)	(NTSC:30fps / PAL:25fps)	30(CIF),30(D1),30(1M 720p),30(2M 1080p)
MPEG-4 (fps@max.res.)	(NTSC:30fps / PAL:25fps)	(NTSC:30fps / PAL:25fps)	-
Motion JPEG (fps@max.res.)	(NTSC:30fps / PAL:25fps)	(NTSC:30fps / PAL:25fps)	30(CIF),30(D1),30(1M 720p),30(2M 1080p)
Audio Streaming	2 way	2 way	2 way
Environment	Indoor	Outdoor (IP66)	Outdoor (IP66)
Operating Temperature	-10°C~50°C (14°F~122°F)	-45°C~50°C (-49°F~122°F)	802.3at PoE: -7°C~50°C(-19.4°F~122°F) AC 24V: -40°C~50°C(-40°F~122°F)
Built-in Fan & Heater	-	Yes	Yes
Pan/ Tilt			
Pan Range	Endless 360°	Endless 360°	Endless 360°
Pan Speed / Tilt Speed	0.5°~120°/s	0.5°~400°/s	0.5°~90°/s
Tilt Range	90°(0°~90°)	200°(-10°~190°)	200°(-10°~190°)
General			
Analog Video Out	Yes	Yes	-
DI/DO	Yes(1/1)	Yes(1/1)	Yes(4/2)
Local Storage	-	-	Micro SD/SDHC Slot Max.32G
Power Input	High Power PoE/ DC 12V 2A	AC 24V	802.3at PoE/ AC 24V
MAX. Power Consumption	17 Watts	65 Watts	AC 24V (50 Watts) / 802.3at (20 Watts)
Others			
	8 Privacy Masks	16 Privacy Masks	16 Privacy Masks Electronic Image Stabilizer (EIS)

Video Server

	VS-01Ap
Image Sensor	
Sensor Size	-
Shutter Speed	-
Max. Resolution	NTSC: 720x480 PAL: 720x576
Lens Included	No
Lens Mount	-
Focal Length	-
F Value	-
View Angle	-
Auto Iris Support	-
Day & Night	
Mechanical ICR	-
Infrared LED | Amount	-
Infrared LED | Distance	-
PIR/White LED	-
Video Compression/Frame Rate	
H.264(fps@max. res.)	(NTSC:30 fps / PAL:25 fps)
MPEG-4(fps@max. res.)	(NTSC:30 fps / PAL:25 fps)
Motion JPEG(fps@max. res.)	(NTSC:30 fps / PAL:25 fps)
Audio	
Audio Steaming	2 way (Built-in mic)
Environment	Indoor
Vandal-Proof	-
Operating Temperature	0°C ~ 50°C (32°F ~122°F)
General	
Analog Video Out	Yes
Terminal Block	DI/DO, RS-485
Wireless	-
Hardware WPS Button	-
Local Storage	SD/SDHC Slot Max.32G
Power Input	DC 12V/ AC24V 802.3af PoE
MAX. Power Consumption	5 Watts
Others	
	3D de-interlace, 3D noise reduction, Max. mic range: 10m

Video Management System

	BRC64 Pro
General	
Camera Support	1~64
Compression Format	Motion-JPEG/ MPEG-4/ H.264
E-Map	Yes
Video Access by Web Browser	Yes
PTZ Control	Yes
Preset Control	Yes
Recording	
Continuous Recording	Yes
Manual Recording	Yes
Schedule Recording	Yes
Alarm Recording	Yes
Audio Recording	Yes
Buffer Storage for Alarm Images (before and after events)	Post-Recording: 1~600 sec
Playback	
Playback Mode	Play/Pause/Stop/Forward/ Reverse/Speed Adjust/ Frame by Frame
Video Search	Time/Date, Event
Multi-Channel Playback	Max.16
Security	
User Authority Management	Yes
Concurrent Login	Yes
Network	
DHCP Client Support	-
DHCP Server	-
UPnP Support	Yes
I/O Port	
USB 2.0	depends on PC H/W SPEC
Network Port	depends on PC H/W SPEC
HDD i/f	depends on PC H/W SPEC
Others	
	Remote Live View & Playback, Broadcast, TV Wall, Generic RTSP, Corridor Mode

Camera Accessories

Lens	Part Number	Product Name	Supported Models
	YV2.8x2.8SR4A-SA2L	2.8x Vari-focal Lens with DC Iris (1/3" CS mount, 3MP, 2.8x, f=2.8~8mm, F1.2)	FB-100A/ FB-130N / FB-300A/ FB-300N Series
	M13VG288IR	2.2x Vari-focal Lens with DC Iris (1/3" CS mount, 3MP, 2.2x, f=2.8~8mm, F1.2)	FB-100A/ FB-130N / FB-300A/ FB-300N/ FB-500A Series
	M13VM288IR	2.2x Vari-focal Lens with Manual Iris (1/3" CS mount, 3MP, 2.2x, f=2.8~8mm, F1.2)	CB-102A/ CB-502A/ WCB-502A/ FB-100A/ FB-130N/ FB-300A/ FB-300N/ FB-500A series
	TG3Z2914FCS-IR	3x Vari-focal Lens with DC Iris (1/3" CS mount, D1, 3x, f=2.9~8.2mm, F1.4)	FB-100A Series
	YV10x5HR4A-SA2L	10x Vari-focal Lens with DC Iris (1/3" CS mount, 1.3MP, 10x, f=5~50mm, F1.6)	FB-100A/ FB-130N Series
	M127F02820IR	Fixed Lens with Fixed Iris (1/2.7" CS mount, 1MP, f=2.8mm, F2.0)	CB-102Ae/ FB-100A series/ FB-130N
	YF360A-SA2	Panomorph Lens with Manual Iris 1/3" CS mount, 2MP, FOV(H)=182°, f=0.9mm (short axis), 1.15mm (long axis)	FB-500A/ FB-300N/ CB-502A series
	IMV1-1/3NI	Panomorph Lens w/o DC Iris 1/3" CS mount ,FOV(H)=182°, f=0.9mm (short axis), 1.15mm (long axis)	FB-500A/ FB-300N/ CB-502A series
	IMV1-1/3	Panomorph Lens with DC Iris 1/3" CS mount, FOV(H)=182°, f=0.9mm (short axis), 1.15mm (long axis)	FB-500A/ FB-300N series

Outdoor Enclosure	Part Number	Product Name	Supported Models
	EN-2070	Infrared Illuminator Enclosure	Fixed Box Series
	EN-1000	Outdoor Enclosure	Fixed Box Series
	EN-1000 (1 unit of IR040)	Outdoor Enclosure with 1 Unit of Infrared Illuminator	Fixed Box Series
	EN-1000 (2 units of IR040)	Outdoor Enclosure with 2 Units of Infrared Illuminators	Fixed Box Series
	IR040	Infrared Illuminators	EN-1000

Camera Accessories

Camera Bracket	Part Number	Product Name	Supported Models
	CI-803 A	Camera Bracket	Fiexed Box / (PoE) Cube Series
	CI-803 C	Camera Bracket	Fiexed Box / (PoE) Cube Series
	CI-807	Camera Bracket	Bullet Series
	CI-812	Camera Bracket	Bullet Series except for OB-500Af
	GL-222	Camera Bracket	Cube Series
	D77H03-WSP	Pendant	Speed Dome Series
	D77H03-WMP	Mini Pendant	Speed Dome Series
	CI-808	Pole Mount	CI-807
	CI-815	Pole Mount	CI-812
	D77H03-WST1 D77H03-WST2	25cm Straight Tube 50cm Straight Tube	Speed Dome Series
	D77H05-WWBM	Wall Box Mount	Speed Dome Series
	D77H05-WCTB	Corner Box Mount	Speed Dome Series
	D77H05-WPTB	Pole Box Mount	Speed Dome Series
	D77H05-WCST	Corner Plate Mount	Speed Dome Series
	D77H05-WPTD	Pole Direct Mount	Speed Dome Series

Camera Accessories

Camera Bracket	Part Number	Product Name	Supported Models
	DH801-S	Smoke Cover	Speed Dome Series
	DH801-V	Vandal-proof Cover	Speed Dome Series
	DH801-T	Transparent Cover	Speed Dome Series
	L-WM-01	L- Shape Wall Mount Bracket	FD-500A/ FD-300A/ FD-130N Series Vandal Dome Series
	MK-001	Bracket	EN-1000

Waterproof Connector	Part Number	Product Name	Supported Models
	WPC-EU WPC-US	Waterproof Connector-WPC-EU Waterproof Connector-WPC-US	Vandal Dome Series

Adjusting Tool	Part Number	Product Name	Supported Models
	LT LT-G	Adjusting Lens Tool Adjusting Lens Tool with Glass	MD-500Ap/ MD-300Np VD-500Af/ VD-300Nf Series

Network Equipment

Antenna	Part Number	Product Name	Supported Models
	GEM04-222008A	Wi-Fi Dual Band Omni Antenna	WiFi Bullet Series
	GEM07-15072A	3G Antenna	3G Bullet Series
	GEM04-222060	Wi-Fi Dual Band Antenna	WiFi Bullet Series
	GEM04-222070	Wi-Fi Dual Band Patch Antenna	WiFi Bullet Series
	BA3230	Wimax Antenna	WIXB-100 / WIXC-100

Network Equipment

EoC	Part Number	Product Name	Supported Models
	EoC-300M EoC-300S	Ethernet Over Coax Bridge	All Brickcom cameras
	EoC-300M-PoE EoC-300S-PoE	Ethernet Over Coax Bridge	All Brickcom cameras except for CB-100A/Bullet/PTZ/OSD series
	EoC-300M-HighPoE EoC-300S-HighPoE	Ethernet Over Coax Bridge	All Brickcom cameras except for CB-100A/Bullet/PTZ/OSD Series
	EoC-1000M EoC-1000S	Ethernet over Coax Bridge-Master&Slave	VD-500Ap/ VD-502Ap/ FD-500Ap/ FD-502Ap/ Fixed Box except for FB-500Ap/ FB-100Ae

Others	Part Number	Product Name	Supported Models
	12V 4400mAh	12V Li Battery Module	Cube/Box/Bullet Series
	D77H07-EPB13 D77H07-EPB23	Power Box	Speed Dome Series
	72-A1030001 72-A2030001	Power Adapter	Speed Dome Series
	PSU-48V	Power Adapter 48V 0.8A	Bullet / Vandal Dome / PTZ Series
	BNCMD-01	TV Out Cable	MD-500A / MD-300N / VD-500Af Series
	USBCB-02	3G Connector Cable	CB-101A / CB-500A / CB-502A / MB-500A Series

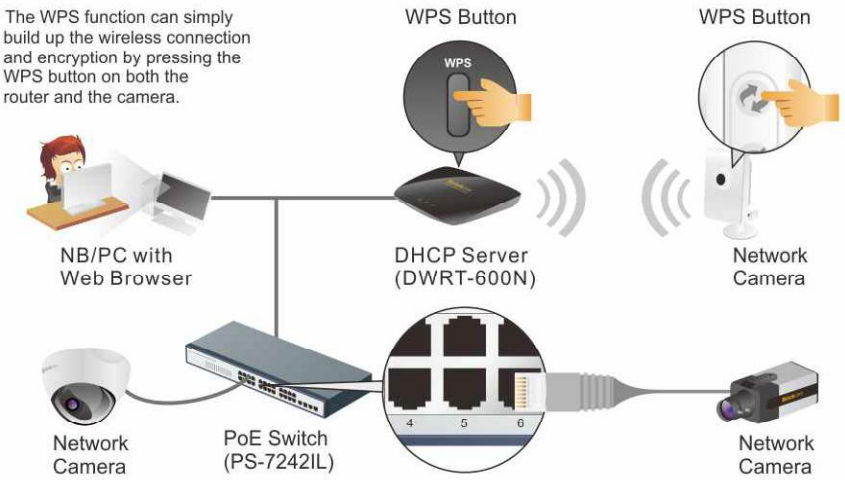
Network Equipment

Networking	Part Number	Product Name	Supported Models
	PS-588I	8-port 10/100M PoE Fast Ethernet Switch	Fixed Box / Fixed Dome / Mini Dome / PoE Cube Series
	PS-7616IL	16-port 10M/100M PoE Web Smart Ethernet Switch	Fixed Box / Fixed Dome / Mini Dome / PoE Cube Series
	PS-7242IL-AF	24-port 10/ 100M PoE Web Smart Ethernet Switch	Fixed Box / Fixed Dome / Mini Dome / PoE Cube Series
	PS-7242IL-AT	24-port 10/ 100M PoE+ Web Smart Ethernet Switch	All Brickcom cameras
	DWRT-600N	Dual Band Wireless N Router	All Brickcom cameras
	POE30U	PoE Injector	Bullet / Vandal Dome / PTZ Series
	POE16U	PoE Injector	Fixed Box / Fixed Dome / Mini Dome / PoE Cube Series
	151S-12V	PoE Splitter	CB-100A Series
	WIXB-100	Wimax Outdoor BS	All Brickcom Wi-Fi cameras
	WIXC-100	Wimax Outdoor CPE	All Brickcom Wi-Fi cameras
	BP-1000	UPS power pack for camera	Fixed Box / Fixed Dome / Cube Series
	IP Desktop	Joystick	Speed Dome / PTZ Series
	SJT-02	Joystick	Speed Dome / PTZ Series

Easy Installation

1 Install the cameras and the network devices (Plug and Play)

* The WPS function can simply build up the wireless connection and encryption by pressing the WPS button on both the router and the camera.



2 Install the Brickcom EasyConfig software with the Product CD, and search for your camera without having to configure any IP setting.

3 Follow the EasyConfig software to configure the camera's IP address and the EasyLink™ function.

4 Click <Live View> to view the live video feed of the connected camera.

VMS Partners

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