

Home Use Cameras

indoor

outdoor

BL-C131A



BL-C111A



BL-C20A



BL-C1A



BL-C160A



BL-C140A



		BL-C131A	BL-C111A	BL-C20A	BL-C1A	BL-C160A	BL-C140A
network camera	Key Selling Points:	Pan 100°/Tilt 50° Zoom 10x digital (by area) Wireless IEEE802.11b/g	Pan 100°/Tilt 50° Zoom 10x digital (by area)	Zoom 10x digital (by area) Wireless IEEE802.11b/g	Zoom 10x digital (by area)	Zoom 10x digital (by area) Outdoor Ready Proprietary PoE *1 Built in LED Lights	Zoom 10x digital (by area) Outdoor Ready Proprietary PoE *1
	Pan/Tilt	100°/50°	100°/50°	--	--	--	--
	Zoom	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)
	Outdoor Ready	--	--	--	--	Yes	Yes
	Viewing Angle (horizontal/vertical)	49° / 37°	49° / 37°	53° / 47°	53° / 47°	58° / 45°	58° / 45°
	Sensor cap (angle limitation)	--	--	--	--	Yes	--
	Minimum Illuminance (color night view mode)	10 lux (3 lux)	10 lux (3 lux)	10 lux (4 lux)	10 lux (4 lux)	5 lux (3 lux)	5 lux (3 lux)
	Image Sensor	1/6 inch CMOS 320,000 pixel	1/6 inch CMOS 320,000 pixel	1/4 inch CMOS 320,000 pixel	1/4 inch CMOS 320,000 pixel	1/4 inch CMOS 320,000 pixel	1/4 inch CMOS 320,000 pixel
	Image Compression	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG	Motion JPEG	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4
	Max. Video Resolution (pixel)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)
	Frames per Second	Up to 30	Up to 30	Up to 15	Up to 15	Up to 30	Up to 30
	Lens Brightness	12.8	12.8	12.8	12.8	12.8	12.8
server	Power over Ethernet	--	--	--	--	Proprietary PoE *1 (power transfer unit included)	Proprietary PoE *1 (power transfer unit included)
	Wireless	IEEE802.11b/g	--	IEEE802.11b/g	--	--	--
	Wireless Security	SSID, WEP, WPA-PSK (TKIP), WPA-PSK (AES)	--	SSID, WEP	--	--	--
	Security	User ID/Password	User ID/Password	User ID/Password	User ID/Password	User ID/Password, HTTPS	User ID/Password, HTTPS
	Ethernet Network	10/100 Base-T (X)	10/100 Base-T (X)	10/100 Base-T (X)	10/100 Base-T (X)	10/100 Base-T (X)	10/100 Base-T (X)
access	Cell Phone Monitoring *2	Yes	Yes	Yes	Yes	Yes	Yes
	Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
	Human Detection (sensor)	Yes	Yes	--	--	Yes	--
	Audio Communication	1-way monitoring (Camera to PC)	1-way monitoring (Camera to PC)	--	--	--	--
	Number of Wireless Channels	13ch	--	13ch	--	--	--
	Antenna	Diversity	--	Diversity	--	--	--
temperature	Splash Resistance	--	--	--	--	Yes	Yes
	Operating Temperature	+32° F to + 104° F (0° C to +40° C)	+32° F to + 104° F (0° C to +40° C)	+32° F to + 104° F (0° C to +40° C)	+32° F to + 104° F (0° C to +40° C)	-4° F to + 122° F (-20° C to + 50° C)	-4° F to + 122° F (-20° C to + 50° C)
	Operating Humidity	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 90% *3	20% to 90% *3
connection	AC Adaptor	Input: 120 V AC Output: 9 V DC	Input: 120 V AC Output: 9 V DC	Input: 120 V AC Output: 9 V DC	Input: 120 V AC Output: 9 V DC	Input: 120 V AC Output: 9 V DC	Input: 120 V AC Output: 9 V DC

*1 Not Compatible with IEEE802.3af

*2 Only still images in JPEG format can be displayed on a mobile phone.

*3 No Condensation

Business Use Cameras

indoor

outdoor

BB-HCM527A



BB-HCM403A



BB-HCM581A
BB-HCM581A-W



BB-HCM580A



BB-HCM515A



BB-HCM511A



BB-HCM547A



BB-HCM531A



BB-HCM371A



	Key Selling Points:	BB-HCM527A	BB-HCM403A	BB-HCM581A BB-HCM581A-W	BB-HCM580A	BB-HCM515A	BB-HCM511A	BB-HCM547A	BB-HCM531A	BB-HCM371A	
network camera	Pan/Tilt	Dome Ceiling Camera Pan 350°/Tilt 82° Zoom 4.6x (2.3 optical, 2x digital) PoE IEEE 802.3af	Dome Ceiling Camera Tilt 65° Zoom 10x digital (by area) PoE IEEE 802.3af	Pan 350°/Tilt 210° (on a table) 90° (on a ceiling) Zoom 42x (21x optical, 2x digital) PoE IEEE 802.3af	Pan 350°/Tilt 210° (on a table) 90° (on a ceiling) Zoom 42x (21x optical, 2x digital)	Pan 120°/Tilt 65° Zoom 10x digital (by area) PoE IEEE 802.3af Megapixel Camera	Pan 120°/Tilt 65° Zoom 10x digital (by area) PoE IEEE 802.3af	Pan 350°/Tilt 82° Zoom 4.6x (2.3x optical, 2x digital) Outdoor Ready PoE IEEE 802.3af	Pan 120°/Tilt 65° Zoom 10x digital (by area) Outdoor Ready PoE IEEE 802.3af	Pan 120°/Tilt 65° Zoom 10x digital (by area) Outdoor Ready Wireless	
	Zoom	350°/82°	--°/65°	350°/210° (on a table) 90° (on a ceiling)	350°/210° (on a table) 90° (on a ceiling)	120°/65°	120°/65°	350°/82°	120°/65°	120°/65°	
	Outdoor Ready	4.6x (2.3 optical, 2x digital)	10x digital (by area)	42x (21x optical, 2x digital)	42x (21x optical, 2x digital)	10x digital (by area)	10x digital (by area)	4.6x (2.3x optical, 2x digital)	10x digital (by area)	10x digital (by area)	
	Viewing Angle	--	--	--	--	--	--	Yes	Yes	Yes	
	Analog Video Output	73°/55°	53°/40°	51°/38°	51°/38°	50°/37°	54°/40°	73°/55°	54°/40°	53°/40°	
	Minimum Illuminance (color night view mode)	NTSC/PAL	--	NTSC/PAL *1	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	--	
	Image Sensor	2 lux (0.2 lux)	3 lux (0.2 lux)	2 lux (0.09 lux)	2 lux (0.09 lux)	at 1280 x 1024: 7 lux (3 lux) others: 10 lux (5 lux)	2 lux (0.2 lux)	2 lux (0.2 lux)	2 lux (0.2 lux)	3 lux (0.2 lux)	
	Image Compression	1/3.6 inch CMOS Progressive Scan 370,000 pixel	1/4 inch CCD Progressive Scan 320,000 pixel	1/4 inch CCD Progressive Scan 320,000 pixel	1/4 inch CCD Progressive Scan 320,000 pixel	1/4 inch CMOS Progressive Scan 1.3 Megapixel	1/4 inch CCD Progressive Scan 320,000 pixel	1/3.6 inch MAICO Progressive Scan approx. 370,000 pixel	1/4 inch CCD Progressive Scan 320,000 pixel	1/4 inch CCD Progressive Scan 320,000 pixel	
	Max. Video Resolution (pixel)	Motion JPEG, MPEG-4	Motion JPEG	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG	
	Frames per Second	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	1280 x 1024 (SXGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	
Lens Brightness	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30		
server	Power over Ethernet (PoE)	f1.9(wide) - f2.8(tele)	f3.5	f1.6(wide) - f3.6(tele)	f1.6(wide) - f3.6(tele)	f2.8	f2.8	f1.9(wide) - f2.8(tele)	f2.8	f3.5	
	Wireless	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	--	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	--	
	Wireless Security	--	--	--	--	--	--	--	--	IEEE802.11b/g	
	Security	--	--	--	--	--	--	--	--	WEP	
	Ethernet Network	User ID/Password, SSL	User ID/Password	User ID/Password	User ID/Password	User ID/Password	User ID/Password	User ID/Password, SSL	User ID/Password	User ID/Password, IPsec	
	Protocol(s)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	10/100 Base T(X)	
access	Cell Phone Monitoring ²	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	IPV4/IPV6 Dual-Stack	
	Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Audio Communication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Built-in Microphone	2-way half duplex	2-way half duplex	2-way half duplex	--	2-way half duplex	2-way half duplex	2-way half duplex	2-way half duplex	2-way half duplex	
	External Microphone Input	Yes	Yes	Yes *1	--	Yes	Yes	Yes	Yes	Yes	
	temperature	Splash Resistance	Yes	Yes	Yes *1	--	Yes	Yes	Yes	Yes	Yes
Operating Temperature		--	--	--	--	--	--	--	Yes	Yes	
Operating Humidity		+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	+32°F to + 104°F (0°C to +40°C)	-4°F to +122°F (-20°C to + 50°C)	-4°F to +122°F (-20°C to + 50°C)	-4°F to +122°F (-20°C to + 50°C)
SD Memory Card Slot		20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 80% *3	20% to 90% *3	20% to 90% *3	20% to 90% *3
connection	External I/O Connector	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	Full size (SD / SDHC)	
	AC Adaptor	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	Input: 2, Output: 1	
Country of Origin	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC included	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC optional	Input: 100 - 240 V AC / Output: 12 V DC / optional	Input: 120 V AC/Output: 12 V DC optional	Input: 120 V AC/Output: 12 V DC included	

*1 Connection with external devices requires the included Audio/Video Cable.

*2 Only still images in JPEG format can be displayed on a mobile phone.

*3 No Condensation