

Color camera block function list

						Scheduled to be released in summer 2023
		4K	4M	Full HD		
		FCB-ER8530 (HDMI)	FCB-EW9500H (HDMI)	FCB-EV9500M (MIPI)	FCB-EV9500L (LVDS)	FCB-EV9520L (LVDS)
sensor size		1/2.5 type	1/1.8 type	1/1.8 type	1/1.8 type	1/2.8 type
zoom		20x optical	30x enhanced optical zoom	30x enhanced optical zoom	30x enhanced optical zoom	30x optical
StableZoom (magnification) ^{*1}		● (24 times)	● (36 times)	● (36 times)	● (36 times)	● (36 times)
digital zoom		● (12 times)	● (12 times)	● (12 times)	● (12 times)	● (12 times)
Progressive scan mode		●	●	●	●	●
Wide dynamic range (Wide-D)			●	●	●	●
Visibility Enhancer (VE)		●	●	●	●	●
defog		● (low/mid/high)	● (low/mid/high)	● (low/mid/high)	● (low/mid/high)	● (low/mid/high)
Spot Light Avoidance			●	●	●	●
Image Stabilizer (Stabilizer)		electronic	Electronic type (super image stabilizer / super + (plus) image stabilizer ^{*2}	Electronic type (super image stabilizer / super + (plus) image stabilizer		
High resolution mode		●				
digital output		●	●	●	●	●
Auto ICR		●	●	●	●	●
Synchronization method		internal synchronization	internal synchronization	internal synchronization	internal synchronization	internal synchronization
zoom mode		Standard mode / variable mode / direct mode				
privacy zone masking		●	●	●	●	●
Vertical flip (E-Flip)		●	●	●	●	●
motion detection			●	●	●	●
focus system		Auto Focus (Normal AF, Interval AF, Zoom Trigger AF [Sensitivity: normal, low]), Manual (Standard/Variable/Direct), Near Limit setting, IR Correction, One push Trigger.	Auto Focus (Normal AF, Interval AF, Zoom Trigger AF [Sensitivity: normal, low]), Manual (Standard/Variable/Direct), One Push Trigger, Full Scan One Push Trigger, Near Limit, ICR-on Correction, Spot Focus			
White balance		Auto, ATW, Indoor, Outdoor, One push WB, Manual WB, sodium lamp mode (Fix/Auto/Outdoor Auto)	Auto, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium lamp mode (Fix/Auto/Outdoor Auto), Spot AWB			
AE (automatic exposure mode)		Full Auto, Manual, Priority mode (shutter/iris), Bright, EV compensation, Spot Exposure, Slow AE	Full Auto, Manual, Priority mode (shutter/iris), EV compensation, Spot AE, Slow AE			
slow shutter		●	●	●	●	●
Slow AE response		●	●	●	●	●
exposure compensation		-10.5 dB to +10.5 dB, 1.5 dB interval Total 15 steps				
Contour correction (aperture)		● (16 steps)	● (16 steps)	● (16 steps)	● (16 steps)	● (16 steps)
backlight compensation		●	●	●	●	●
gamma		Standard/Straight				
Horizontal inversion (mirror)		●	●	●	●	●
alarm		●	●	●	●	●
picture effect		Black White				
picture freeze		●	●	●	●	●
noise reduction		(3D+2D)/independent settings (3D, 2D))				
Temperature readout		●	●	●	●	●
Title display		●(Up to 20 characters per line, maximum 11 lines)				
Camera mode display		● (English)	● (English)	● (English)	● (English)	● (English)
camera control interface		VISCA protocol (CMOS 3.1V) PTP USB 9.6 kbps, 19.2 kbps, 38.4 kbps, 115.2 kbps, Stop bit : 1 bit	VISCA protocol (CMOS 3.3V Level, 5.5V tolerant); 9.6 kbps, 19.2 kbps, 38.4 kbps, 115.2 kbps. Stop bit: 1 bit			
Spot Focus/AE		●	●	●	●	●
Spot AWB			●	●	●	●

*1 StableZoom: Stable zoom increases magnification by combining optical zoom and electronic zoom.

*2 FCB-EW9500H is 1080p, 1080i, and 720p only.