

**SPECIFICATIONS**

Pick-up element	1/2.8 inch BSI CMOS image sensor	
Number of effective pixels	1945(H) × 1097(V)	
Unit cell size	2.9μm(H) × 2.9μm(V)	
Imaging system	—	
Synchronizing system	Internal	
Scanning system	Progressive	
Output size	1920 x 1080, 1280 x 720, 800 x 600, 704 x 480, 704 x 400, 640 x 480, 640 x 360, 320 x 240	
Max. frame rate	30fps	
Video compression	H.264, MJPEG	
Minimum illumination	0.0001 lx F1.4 ( AGC HIGH=72dB, Shutter=OFF )	
Function settings	Browser	
AE mode	Fixed	—
		1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/15000, 1/30000 sec.
	EI	—
		1/30 ~ 1/30000 sec. x32 ~ 1/30000 sec.
White balance	—	
AGC	ON	0 ~ 72dB ( MAX : 0 ~ 72dB )
	OFF	0dB
MGC	—	
Gamma characteristics	γ=0.45, 0.55, 0.65, 0.75	
Noise reduction	3DNR OFF/ON Level adjustable	
Wide dynamic range	WDR OFF/ON Level adjustable	
Lens iris	DC	
Back light compensation	BLC, HSBLC	
White blemish correction	ON	
Sharpness	OFF/ON Level adjustable	
Defog	OFF/ON	
Digital zoom	—	
Privacy mask	16 masks	
Mirror image	OFF, V-FLIP, H-FLIP, HV-FLIP	
Freeze	—	
Motion detection	OFF/ON 4areas arbitrarily configurable	
Neg.image	—	
ONVIF	profile S	
Supported protocols	TCP/IP, UDP/IP, RTP, (RTCP), RTSP, SNTP, HTTP, FTP, DHCP, DNS, UPnP	
Interface	RJ45 ( 10BASE-T, 100BASE-TX )	
	4P connector ( Audio in, Power in ), Auto iris, microSD	
Power supply	PoE +48V (IEEE802.3af), DC+12V ~ +36V±10 %	
Power consumption	1.92W / 40mA ( PoE +48V ), 1.56W / 130mA ( DC +12V )	
Operating temperature	0 ~ +50°C	
Storage temperature	-30 ~ +70°C	
Operating / Storage humidity	Less than 95% RH (Without condensation)	
Lens mount	CS mount ( Back focus adjustable )	
Weight	Approx. 80g	

※Design and specifications are subject to change without notice.

