

## SPECIFICATIONS

PRELIMINARY

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	RGB primary color bayer arrangement mosaicfilters on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Video outputs	3G-SDI, HD-SDI, HD-VLC Composite: 1.0V (p-p) 75Ω(unbalanced)	
Output format	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p 1080/29.97p, 1080/25p, 1080/24p, 720/60p, 720/59.94p, 720/50p, NTSC, PAL	
Resolution (H)	More than 1000 (Center)	
Minimum illumination	0.007 lx F1.2 (AGC HIGH=72dB, shutter= OFF) 0.0005 lx F1.2 (AGC HIGH=72dB, shutter=×15)	
S/N	More than 50dB (AGC=0dB, γ=1.0)	
Function settings	OSD: Remote controller, RS-232 (Pelco-D, Pelco-P) Communication: RS-232 (Pelco-D, Pelco-P, Visca)	
AE mode	Fixed	×2, ×3, ×4, ×5, ×6, ×7, ×8, ×9, ×10, ×12, ×15 (frame) 1/25, 1/50, 1/100, 1/150, 1/200, 1/250 sec. 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.
	EI	1/25 - 1/10000 sec. ×15 - 1/10000 sec.
White balance	ATW, PWB, MWB	
AGC	ON	0 - 72dB (MAX:0 - 72dB)
	OFF	0dB
MGC	0 - 72dB (5dB step)	
Gamma characteristics	γ≠USER (Level adjustable)	
Noise reduction	3DNR OFF/ON level adjustable, 2DNR OFF/ON level adjustable, 3D+2DNR ON level adjustable	
Wide dynamic range (WDR)	WDR OFF/ON level adjustable, D-WDR OFF/ON level adjustable	
Lens iris	DC+12V±10%	
Back light compensation	BLC, HSBLC	
White blemish correction	Up to 2046 pixels	
Sharpness	OFF/ON Level adjustable	
Defog	OFF/ON Level adjustable	
Digital zoom	ZOOM (×1.01-×6.00), PAN/TILT	
Privacy mask	8 masks	
Mirror image	OFF / V-FLIP / H-FLIP / HV-FLIP	
Freeze	OFF/ON	
Motion Detection	OFF/ON Select from 4 areas	
Neg. image	OFF/ON	
Interface	BNC (HD-SDI), 2P connecotr (Composite video), Power in, Auto iris, miniDIN8P (RC-02, RS-232)	
Power supply	DC+12V±10%	
Power consumption	TBD	
Operating temperature	TBD	
Storage temperature	TBD	
Operating / Storage humidity	Less than 95% RH (Without condensation)	
Lens	CS mount	
Weight	Approx. 131g	

\*Design and specifications are subject to change without notice.

WAT-2200R



WAT-2200S

