WAT- 1000

SPECIFICATIONS

Model		WAT-1000 (NTSC)	WAT-1000 (PAL)
Pick-up element		1/3 inch DPS image sensor	
Number of total pixels		742 (H) × 552 (V)	
Number of effective pixels		720 (H) × 540 (V)	
Unit cell size		7.0μm(H) × 7.0μm(V)	
Imaging system		RGB bayer array mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		Progressive	
Video output	Composite	CVBS: 1Vp-p, 75ohms, Interlace, unbalanced	
	Y/C	Y: 1Vp-p, 75ohms, C: 0.3Vp-p 75ohms, Interlace, unbalanced	
Resolution (H)	Horizontal	More than 520TVL (Center)	
	Vertical	More than 460TVL (Center)	
Dynamic range		102dB(Typical), 120dB(Max.)	
Minimum illumination	Color	0.1 lx F1.2 (AGC HI, 1/30 sec.)	0.1 lx F1.2 (AGC HI, 1/25 sec.)
	Monochrome	0.003 lx F1.2 (AGC HI, 1/30 sec.)	0.003 lx F1.2 (AGC HI, 1/25 sec.)
S/N		More than 48dB	
AE mode	EI	1/30 - 1/30,000 sec.	1/25 - 1/30,000 sec.
	FL	ON / OFF	
	Slow shutter	x2 - x32	
White balance		ATW, PWB, Manual, Preset	
Gain	AGC	HI: 0 - 40dB / LO: 0 - 22dB	
	MGC	0 - 40dB (1dB step)	
Day/Night		Auto(Adjustable) / Manual / External	
Gamma characteristics		$\gamma \fallingdotseq 0.45$(ON) / $\gamma = 1.0$(OFF)	
Serial port		RS-232 (Compatible)	
Lens iris		Video / DC (EIAJ arrangement, Auto-select)	
Back light compensation		ON / OFF	
Mirror image		ON / OFF	
Power supply		DC+12V±10%	
Power consumption		2.28W (190mA)	
Operating temperature		-10 – +50℃ (Without condensation)	
Storage temperature		-30 – +70℃ (Without condensation)	
Operating / Storage humidity		Less than 95% RH	
Lens mount		CS mount (Back focus adjustable)	
Weight		Approx. 125g	

※Design and specifications are subject to change without notice.

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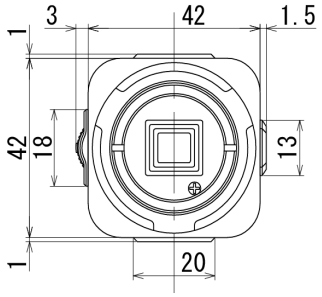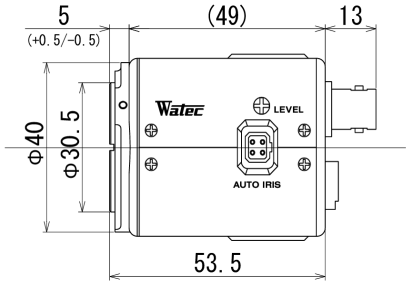
DIMENSIONS (mm)