

SPECIFICATIONS

Model		WAT-535EX2 (EIA)	WAT-535EX2 (CCIR)
Pick-up element		1/3 inch interline transfer CCD image sensor	
Number of total pixels		811(H) × 508(V)	795(H) × 596(V)
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		6.35μm(H) × 7.4μm(V)	6.5μm(H) × 6.25μm(V)
Synchronizing system		Internal / External (Auto-select)	
Scanning system		2:1 interlace	
Video output		Composite Video, 1Vp-p, 75ohms, unbalanced	
External Sync. System		C. video / C. sync.	
External Sync. Signal Level		Sync. Signal portion 0.2-5.0V(p-p)	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.003 lx F1.4	
S/N		More than 54dB (AGC=5dB, $\gamma=1.0$)	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.	1/50 - 1/100000 sec.
AGC		HI: 5 - 32dB / LO: 5 - 20dB	
MGC		5 - 32dB	
Gamma characteristics		$\gamma \cong 0.45(\text{ON}) / \gamma = 1.0(\text{OFF})$	
Lens-iris		Video / DC (EIAJ arrangement, Auto-select)	
Back light compensation		ON / OFF	
Power supply		DC+12V±10%	
Power consumption		1.08W (90mA)	
Operating temperature		-10 - +50°C (Without condensation)	
Storage temperature		-30 - +70°C (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.

DIMENSIONS (mm)

