

WAT-233

1/3" True Day&Night 960H Camera Wide Dynamic Range Camera

NEW



Model (Type)		WAT-233(NTSC)	WAT-233(PAL)
Pick-up element		1/3-inch 960H interline transfer CCD image sensor	
Number of total pixels		1028(H) × 508(V)	1028(H) × 596(V)
Number of effective pixels		976(H) × 494(V)	976(H) × 582(V)
Unit cell size		5.0μm(H) × 7.4μm(V)	5.0μm(H) × 6.25μm(V)
Synchronizing system		Internal	
Scanning System		2:1 Interlace	
Video output	Composite	Composit 1.0Vp-p 75Ω (Unbalanced)	
	Y/C	Y: 1.0V(p-p)、C:0.3V(p-p) 75Ω	
Resolution(H)		More than 650TVL(Center)	
Minimum Illumination	Color	0.01lx. F1.2 (AGC: ON、Shutter: OFF、NR: ON、γ=0.45)	
		0.0006lx. F1.2 (AGC: ON、Shutter: x16、NR: ON、γ=0.45)	
	Monochrome	0.0005lx. F1.2 (AGC: ON、Shutter: OFF、NR: ON、γ=0.45)	
		0.00003lx. F1.2 (AGC: ON、Shutter: x16、NR: ON、γ=0.45)	
S/N		≥50dB (AGC=2dB、γ=1.0)	
Function Setting and communication		OSD (On-screen display) / RS-485(Pelco-D)	
AE mode	Electric shutter	Slow shutter x2, x4, x8, x16, x32, x64, x128, x256 (filed)	
		1/60, 1/100 (sec.)	1/50, 1/120 (sec.)
		1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 (sec.)	
Electric Iris	1/60 - 1/100,000 (sec.)		
	1/50 - 1/100,000 (sec.)		
White balance		ATW, PWB, MWB, PRESET	
AGC	Auto	HI: 2 - 44dB / LO: 2 - 32dB	
	Manual	2 - 44dB (1dB step)*selectable	
Day&Night function		Auto (Adjustable) / Manual / External	
Gamma Correction		9 steps (1.0/0.8/0.7/0.6/0.55/0.5/0.45/0.4/0.35)	
Noise Reduction		3DNR ON (Selectable) / OFF	
Wide Dynamic Range		ON (Selectable) / OFF	
Lens Iris		Video / DC(Auto-select)	
Back Light Compensation		ON / OFF	
HSBLC (Highlight BLC)		ON / OFF	
White Blemish correction		Up to 64 dots correctable by OSD operation	
Digital Zoom		x2 - x256 (ZOOM/ PAN / TILT)	
Mirror Function(FLIP)		V-FLIP / H-FLIP / HV-FLIP	
Power supply		DC+12V±10%	
Power consumption		1.62W (135mA)	
Operating Temperature		-10°C~ +50°C	
Storage Temperature		-30°C~ +70°C	
Operating/Storage Humidity		Less than 95%RH (w/o condensation)	
Lens Mount		CS (Back focus adjustable)	
Mass		150g	

Dimension(mm)

