

WAT-1200CS 1/3.2" High Sensitivity Miniature Camera with Day&Night

1/3.2" BSI CMOS sensor

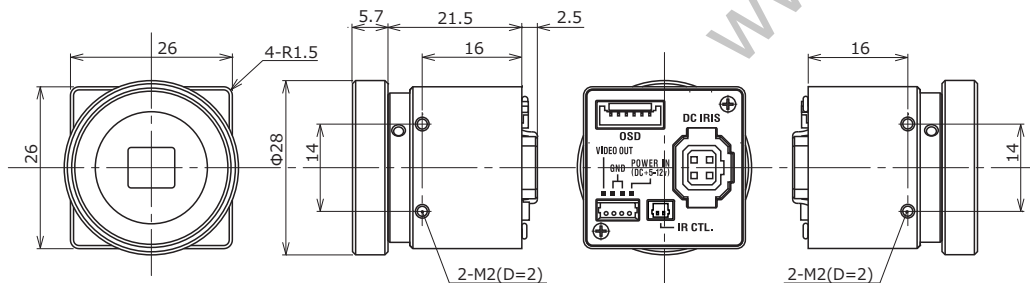
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Key features

- High sensitivity min. illumination 0.002 lx F1.2 (AGC 54dB)
- Ultra-compact design only 26 x 26 x 30 mm
- Wide dynamic range, ICR Mechanical less Day/Night function
 ※Advanced setting available by OSD (On Screen Display) through an optional controller

Dimensions



Specifications

Video standard	NTSC	PAL
Pick-up element	1/3.2 inch BSI CMOS image sensor	
Number of effective pixels	1280(H)×960(V)	1280(H)×924(V)
Unit cell size	3.5μm(H)×3.5μm(V)	
Imaging system	RGB+W array mosaic filters on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Video output	Composite: 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)	More than 750TVL (Center)	
Minimum illumination	0.002 lx F1.2 (AGC=54dB)	
S/N	More than 55dB (AGC=OFF, γ=1.0)	
Function settings	OSD (On Screen Display) operated by remote controller	
AE mode	Fixed	1/60 sec.
	EI	1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000, 1/20000, 1/50000, 1/100000 sec.
		1/60 - 1/100000 sec.
White balance	ATW, PUSH, USER1, USER2, MANUAL, PUSH LOCK	
AGC	0 - 54dB	
MGC	MIN, 6, 12, 18, 24, 30, 36, 42, 48, MAX dB	
Day / Night	ICR mechaless Day/Night	
Gamma characteristics	γ≈0.45	
Noise reduction	2DNR ON (Level adjustable)	
Wide dynamic range	Multiple exposure WDR: ON (Level selectable) / OFF	
	ATR : ON (Level selectable) / OFF	
Lens iris	DC	
Back light compensation	OFF / BLC / HLC	
Defog	OFF / AUTO (Correction level selectable)	
Privacy mask	16masks	
Mirror image	OFF / H-FLIP / V-FLIP / HV-FLIP	
Sharpness	0 - 255 (SHARPNESS)	
Power supply	DC+5V - 12V	
Power consumption	0.6W/120mA(DC+5V), 0.72W/60mA(DC+12V)	
Operating temperature	-10 - +50°C	
Storage temperature	-30 - +70°C	
Operating / Storage humidity	95% RH or less (Without condensation)	
Lens mount	CS mount	
Weight	Approx. 22g	
Accessories	AIC-G (Iris plug), 4P cable, 2P cable, Camera bracket, Hex. wrench	

