

WAT-30HD/CS

1/3" Ultra-compact HD-SDI Color Camera

Ultra-compact design with Full HD 1920×1080p CMOS sensor

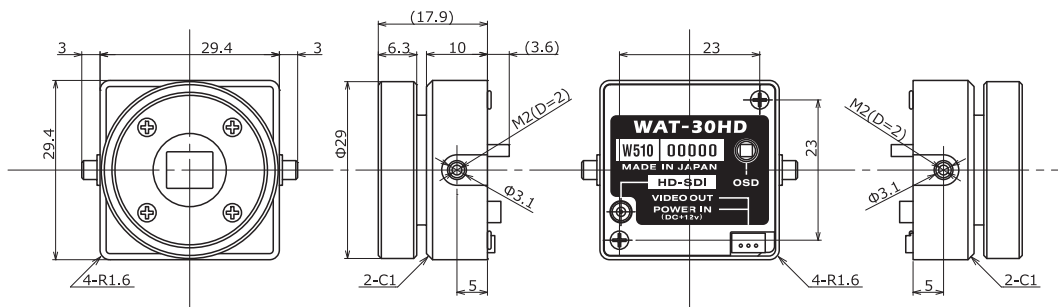


*NO CE & FCC

Key features

- Only 30mm square with 27.5g achieves 2.1 Megapixel HD-SDI
- “Double shutter” & “Digital” wide dynamic range selectable
- Advanced setting available by OSD (On Screen Display) through on-camera joystick
- SD / analog output for checking image at set up

Dimensions



Specifications

Pick-up element	1/3 inch CMOS image sensor
Number of effective pixels	1944(H) × 1092(V)
Unit cell size	2.75µm × 2.75µm
Imaging system	RGB primary color bayer arrangement mosaic filters on chip
Synchronizing system	Internal
Scanning system	Progressive
Video outputs	HD-SDI
Output format	Composite : 1.0 V(p-p) 75Ω (Unbalanced)
Resolution (H)	1080/30p, 1080/25p, 720/60p*, 720/50p*, NTSC, PAL *Imaging 30/25 fps
Minimum illumination	More than 900 (Center)
S/N	0.05 lx F1.2 (AGC ON=60dB, Shutter=OFF)
Function settings	0.005 lx F1.2 (AGC ON=50dB, Shutter=x32)
AE mode	More than 52dB (AGC OFF=12dB, γ=0.45)
White balance	OSD : Joystick
AGC	Fixed
MGC	1/30, 1/60, 1/120 sec. *1080/30p, 720/60p mode
Day/Night	1/25, 1/50, 1/100 sec. *1080/25p, 720/50p mode
Gamma characteristics	1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec.
Noise reduction	1/30 - 1/30000 sec. *1080/30p, 720/60p mode
Wide dynamic range	1/25 - 1/30000 sec. *1080/25p, 720/50p mode
Lens iris	x32 - 1/30000 sec.
Back light compensation	ATW, PWB, MWB
White blemish correction	ON
Sharpness	12 - 60dB (Max. 12 - 60dB)
Defog	OFF
Digital zoom	12dB
Privacy mask	—
Mirror image	—
Freeze	—
Motion detection	—
Neg. image	—
Interface	—
Power supply	—
Power consumption	—
Operating temperature	—
Storage temperature	—
Operating / Storage humidity	—
Lens mount	—
Weight	—
Accessories	—

Accessories
 Options

