

WAT-30HD (G3.7) 1/3" Ultra Compact HD-SDI Color Camera

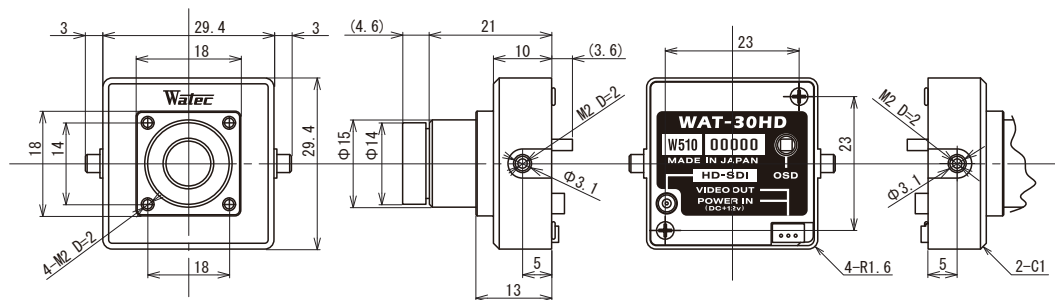
Ultra small design with Full HD 1920×1080p CMOS sensor



Key features

- Only 30mm square with 35g 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/analogue output for checking image at set up
- Various optional M12 lenses available

Dimensions



Specifications

Pick-up element	1/3 inch CMOS image sensor		
Number of effective pixels	1944(H) × 1092(V)		
Unit cell size	2.75 μm × 2.75 μm		
Imaging system	RGB primary color bayer arrangement mosaic filters on chip		
Synchronizing system	Internal		
Scanning system	Progressive		
Video outputs	HD-SDI / Composite video		
Output format	1080/30p, 1080/25p, 720/60p, 720/50p, NTSC, PAL		
Resolution (H)	900TVL		
Minimum Illumination	0.1lx F1.8 (DSS=OFF), 0.01lx F1.8 (DSS=MAX)		
S/N	More than 52dB		
Function settings	OSD (On Screen Display) operated by joystick		
AE mode	AUTO, MANUAL, FLICKER		
Shutter speed	1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000, 1/60000 sec.		
Slow shutter	OFF, x2, x4, x8, x16, x32		
White balance	AUTO, AUTO EXT, PUSH LOCK, MANUAL		
AGC	12 – 60dB		
Day/Night	AUTO, COLOR, B&W		
3D Noise reduction	OFF, LOW, MIDDLE, HIGH		
Wide dynamic range	Double shutter	ON / OFF	
	Digital	ON / OFF	
Back light compensation	ON (Area selectable) / OFF		
White blemish correction	Yes		
Defog	ON (LOW, MIDDLE, HIGH) / OFF		
Digital zoom	1.0x – 20.0x		
Privacy mask	16 masks		
Mirror image	OFF, H-FLIP, V-FLIP, HV-FLIP		
Motion detection	ON / OFF		
HLMASK	ON / OFF		
Power supply	DC+12V±10%		
Power consumption	1.44W (120mA)		
Operating temperature	-10 – +50℃		
Storage temperature	-20 – +60℃		
Operating / Storage humidity	80% RH or less / 95% RH or less (Without condensation)		
Lens mount	M12		
Weight	Approx. 35.5g		
Accessory	Cable		

Accessories Options

WAT-30HD (G3.7)

Miniature lenses



M2520BC-12



M2920BC-12



M3718BC-12
(Standard)



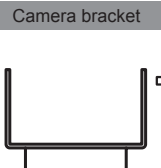
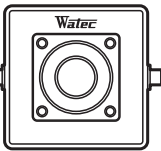
M4318BC-12



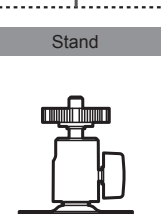
M0620BC-12



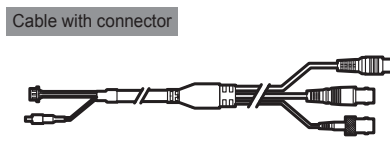
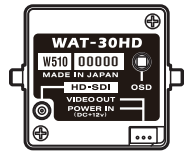
M0820BC-12



B001



MS50



Cables



1.5C2V (BNC/BNC)



3C2V (BNC/BNC)



3C2V (BNC/BNC)

BNC

BNC

RCA



※Not in our lineup

MONITOR OUT (BNC)

POWER IN (DC12V)

HD-SDI OUT (BNC)

Power supply adapters



GF12-US1210



G051T-120050B-1

Cable



3CFW (BNC/BNC)

BNC



SDI Input
※Not in our lineup



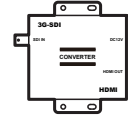
DVR



HDMI cable
※Not in our lineup



※Not in our lineup



HD-SDI Converter

Power supply adapters



GF12-US1210



G051T-120050B-1