

# WAT-2200 1/2.8" Professional 3G-SDI/HD-SDI Camera

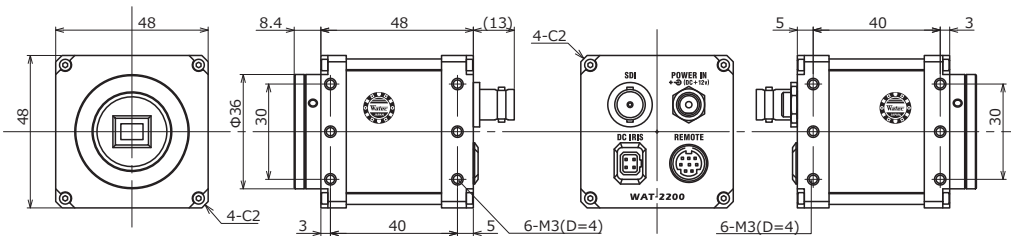
Full HD CMOS sensor



## Key features

- 1/2.8-inch 2M CMOS image sensor with high sensitivity
- Min. illumination 0.1 lx F1.2
- Digital interface 3G-SDI/HD-SDI without latency, HD resolution of 1080p60 Full HD
- OSD (On Screen Display) – Easy installation through a controller provided in kit

## Dimensions



## Specifications

Pick-up element	1/2.8-inch CMOS image sensor
Number of effective pixels	1080/1080p: 1920(H) × 1080(V) / 720p: 1280(H) × 720(V)
Unit cell size	2.8µm×2.8µm
Imaging system	RGB+W array mosaic filters on chip
Synchronizing system	Internal
Scanning System	Progressive
Video Output	3G-SDI (SMPTE424M Compatible, LevelA, YCbCr4:2:2 10bit) HD-SDI (SMPTE292M Compatible, YCbCr4:2:2 10bit)
Output format	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/29.97p, 1080/25p, 720/60p, 720/59.94p, 720/50p
Minimum Illumination	0.1 lx F1.2
S/N	More than 50dB
Function settings	OSD (On Screen Display) / RS-232, Remote controller
AE mode	E.I+AGC, AGC, FL, MANUAL
Shutter speed	OFF, FL, 1/200, 1/500, 1/1000, 1/2000, 1/5000, 1/10000 sec.
Flickerless mode	AUTO, 50Hz, 60Hz, OFF
White balance	ATW, PWB, Preset, MANUAL
AGC	HIGH, MEDIUM, LOW
MGC	0 - 30dB
Gamma characteristics	ON / OFF
Noise reduction	HIGH, MEDIUM, LOW, OFF
Wide dynamic range	ON (ATR) / OFF
Lens iris	DC
Back light compensation	ON / OFF
White blemish correction	Max. 1023 dots
Defog	ON / OFF
Mirror image	OFF / H-FLIP / V-FLIP / HV-FLIP
Power supply	DC+12V±10%
Power consumption	2.22W/185mA (1080/60i), 2.64W/220mA (1080/60p)
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. 135g
Accessories	WPDC12-R (DC plug), Hex. wrench, RC-02 (Remote controller), Camera bracket

