

WAT-2400S

1/2.8" Compact High Sensitivity Network Color Camera

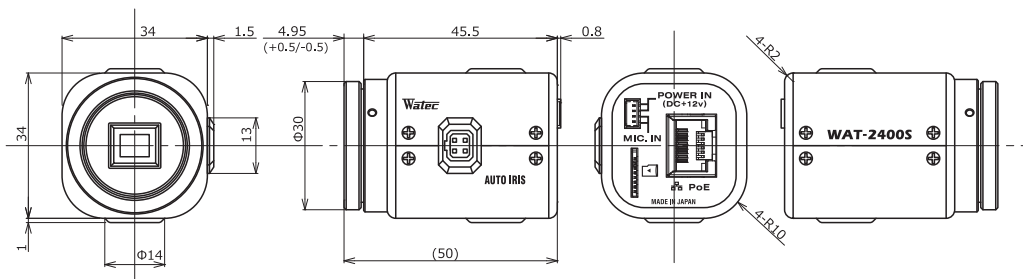
As small as WAT-902 series



Key features

- Supporting microSD enables stand-alone recording without the network connection
- Video output quick start-up in 6 sec.
- Power-saving PoE : 3.12W/65mA DC+12V : 2.16W/180mA

Dimensions



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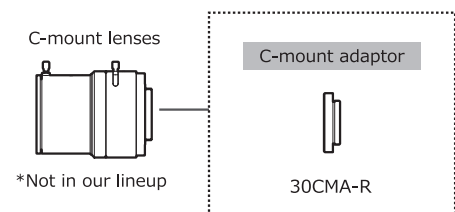
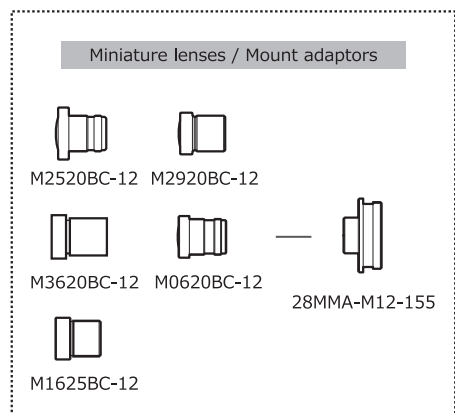
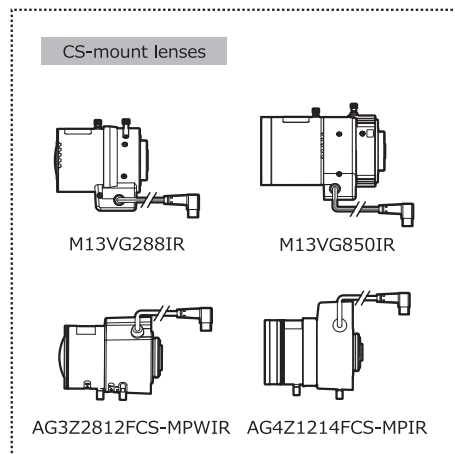
Specifications

Pick-up element	1/2.8 inch BSI CMOS image sensor	
Number of effective pixels	1945(H) × 1097(V)	
Unit cell size	2.9μm(H) × 2.9μm(V)	
Imaging system	RGB primary color bayer arrangement mosaic filter on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Output size	1920×1080, 1280×720, 800×600, 704×480, 704×400, 640×480, 640×360, 320×240	
Max. frame rate	60 fps *1	
Video compression	H.264, MJPEG	
Minimum illumination	0.007 lx F1.2 (AGC HIGH=72dB, Shutter=OFF)	
S/N	—	
Function settings	Browser *2	
AE mode	Fixed	1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/25, 1/50, 1/100, 1/200, 1/400, 1/800, 1/1600, 1/3200, 1/6400, 1/12800,
		1/30000 (sec.) *3 1/25600 (sec.) *4
	EI	1/30 - 1/30000 (sec.) *3 1/25 - 1/25600 (sec.) *4
		×32 - 1/30000 (sec.) *3 *5 ×32 - 1/25600 (sec.) *4 *5
White balance	ATW, PWB, MWB, PRESET (3000K, 5000K, 8000K)	
AGC	ON	0 - 72dB *6
	OFF	0dB
MGC	—	
Day/Night	—	
Gamma Characteristics	γ≈0.45, 0.55, 0.65, 0.75	
Noise reduction	3DNR OFF/ON (Level adjustable)	
Wide dynamic range	WDR OFF/ON (Level adjustable)	
Lens iris	DC	
Back light compensation	BLC, HSBLIC	
White blemish correction	ON	
Sharpness	Level adjustable	
Defog	OFF/ON (Level adjustable)	
Digital zoom	—	
Privacy mask	16 masks	
Mirror image	OFF, V-FLIP, H-FLIP, HV-FLIP	
Freeze	—	
Motion detection	OFF/ON 4 areas arbitrarily configurable	
Neg.image	—	
ONVIF	profile S	
Supported protocols	TCP/IP, UDP/IP, RTP(RTCP), RTSP, SNTP, HTTP, FTP, DHCP, DNS	
Interface	RJ45 (10BASE-T, 100BASE-TX), 4P Connector (MIC. IN, POWER IN), Auto iris, microSD *7	
Power supply	PoE +48V (IEEE802.3af), DC+12 - 36V +12V is recommended for DC input	
Power consumption	3.12W/65mA (PoE +48V), 2.16W/180mA (DC +12V)	
Operating / Storage temperature	0 - +50°C / -30 - +70°C	
Operating / Storage humidity	95% RH or less (Without condensation)	
Lens mount	CS mount (Back focus adjustable)	
Weight	Approx. 83g	
Accessories	4P cable, Hex. wrench, Clamp filter	
Acquired Standards	FCC (FCC Rules and Regulations Title 47 CFR Part 15), CE (EN IEC 61000-6-3:2021, EN50130-4:2011 + A1:2014)	

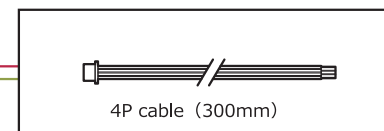
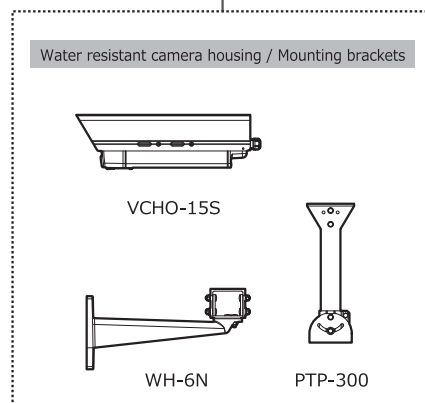
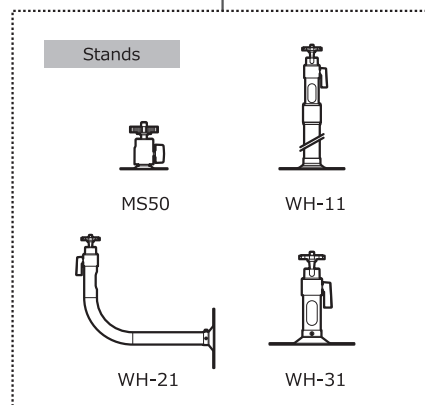
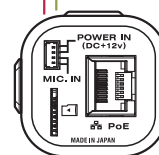
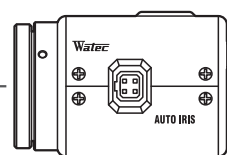
*1: When set to 720P or lower *2: Google Chrome recommended *3: Frequency=60Hz *4: Frequency=50Hz *5: When using the Slow Shutter
*6: AGC MAX is variable from 0 - 72dB *7: microSD (Recommended operating conditions: SDHC/SDXC standard, MLC type or high endurance model, Speed Class CLASS 10 or more, Capacity of 256GB or less) *ONVIF is a trademark of Onvif, Inc. *microSD is a trademark of SD Association. SD, SDHC and SDXC (and logos) are trademarks of SD-3C, LLC. *XProtect is a registered trademark of Milestone Systems A/S.

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Accessories Options



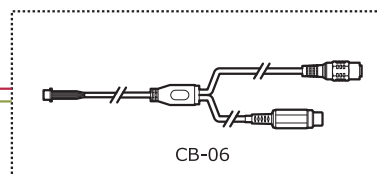
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POWER IN (DC+12-36V)

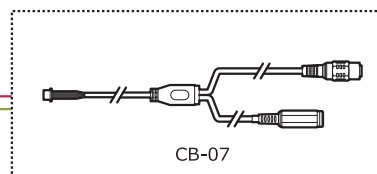
MIC. IN

Cable with connectors

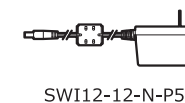


LINE IN

POWER IN (DC+12V)

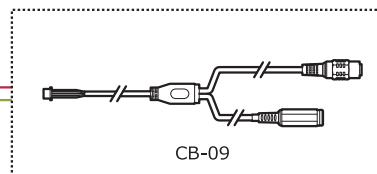


Power supply adaptor



MIC. IN

*Use the MIC. which is a plug-in power type.



MIC. IN

*Use the MIC. which is CTIA / AHJ compatible.

LAN cable
(Shielded cable recommended)
*Not in our lineup

*Use the PoE hub or NVR supporting IEEE802.3af for the PoE power supply

