WAT-933

1/2.8" Compact High Sensitivity Network B&W Camera

As small as WAT-902 series







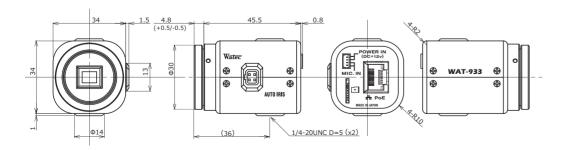




Key features

- 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



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		-
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		0.0001 lx F1.4 (AGC HIGH=72dB, Shutter=0FF)
	S/N	-
		Browser *2
AE mode	Fixed	1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/15000, 1/30000 (sec.) *3
		1/25, 1/50, 1/100, 1/200, 1/400, 1/800, 1/1600, 1/3200, 1/6400, 1/12800, 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		-
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, HSBLC
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℃ / -30 - +70℃
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

^{*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.

