

# WAT-2400 1/2.8" Full HD Network Camera

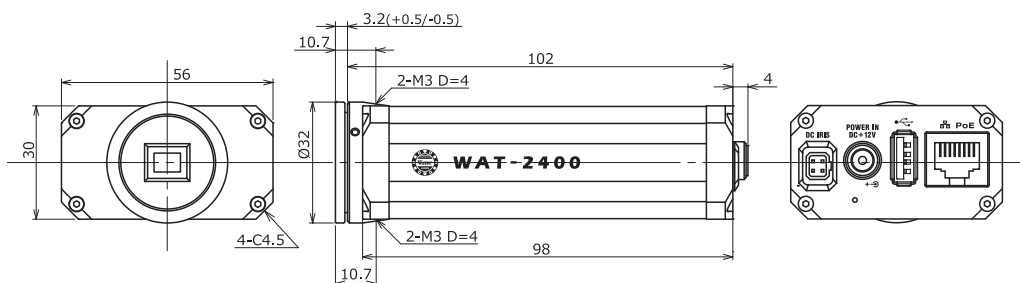
Full HD CMOS sensor



## Key features

- Customization flexible firmware (Required software can be included to the camera)
- 1/2.8-inch 2M CMOS image sensor with high sensitivity
- Min. illumination 0.1 lx F1.2 (AGC HIGH=66dB, Shutter=OFF)
- H.264 Video compression format
- PoE (IEEE802.3af) & DC+12V input
- ONVIF® profile S compliant

## Dimensions



## Specifications

Pick-up element	1/2.8 inch CMOS image sensor	
Number of effective pixels	1994(H) × 1244(V)	
Unit cell size	2.8μm(H) × 2.8μm(V)	
Imaging system	RGB+W array mosaic filters on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Output size	1920×1080, 1280×720	
Max. frame rate	30 fps	
Video compression	H.264, MJPEG	
Minimum illumination	0.1 lx F1.2 (AGC HIGH=66dB, Shutter=OFF)	
S/N	More than 50dB (AGC OFF=0dB, γ=1.0)	
Function settings	Browser	
AE mode	Fixed	1/5 - 1/10000 sec. (1/10000 sec. step)
	EI	1/30 - 1/10000 sec.
White balance	ATW, PWB, MWB	
AGC	ON	0 - 42dB
	OFF	-
MGC	0 ~ 66dB (3dB step)	
Day/Night	-	
Noise reduction	-	
Wide dynamic range	-	
Lens iris	DC	
Back light compensation	-	
White blemish correction	-	
Sharpness	Level adjustable	
Defog	-	
Digital zoom	-	
Privacy mask	-	
Mirror image	-	
Freeze	-	
Motion detection	-	
Neg.image	-	
ONVIF	profile S	
Supported protocols	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, FTP, DHCP, DNS, TELNET, SSH, SNMP, ARP, ICMP, Bonjour	
Interface	RJ45 (10BASE-T, 100BASE-TX), USB (High Speed / Full Speed), Auto iris, Power in	
Power supply	PoE +48V, DC+12V±10%	
Power consumption	5.4W/450mA (DC+12V), 5.6W/127mA (PoE+48V)	
Operating temperature	-10 - +40°C	
Storage temperature	-30 - +70°C	
Operating / Storage humidity	95% RH or less (Without condensation)	
Lens mount	CS mount (Back focus adjustable)	
Weight	Approx. 195g	
Accessories	WPDC12 (DC Plug), Hex. Wrench, B007 (Camera Bracket), Clamp Filter	

※ ONVIF is a trademark of Onvif, Inc.

Accessories
  Options

**CS-mount lenses**

M13VG288IR    M13VG850IR  
 AG3Z2812FCS-MPWIR    AG4Z1214FCS-MPIR

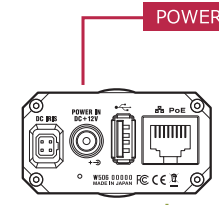
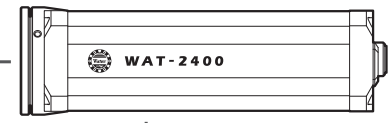
**Miniature lenses / Mount adaptors**

M2520BC-12    M2920BC-12  
 M3620BC-12    M0620BC-12    28MMA-M12-140  
 M0816BC-12  
 M1616BC-12    28MMA-M12-090

**C-mount lenses**

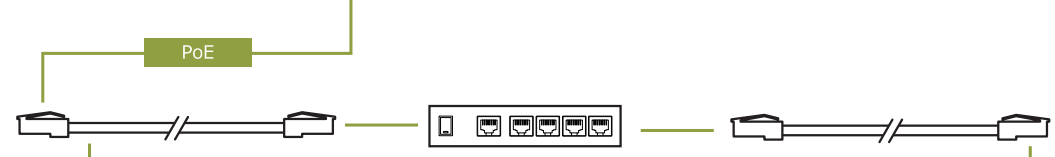
\*Not in our lineup  
 30CMA-R

**WAT-2400**



**Power supply adaptors**

SWI12-12-N-P5    SWI12-12-E-P5



**Camera bracket**

B007

**Clamp filter**

**NVR**

\*Not in our lineup

**PC**

VMS / Browser / Others \*Not in our lineup

**Stands**

MS50    WH-31    WH-11    WH-21

**Water resistant camera housing / Mounting brackets**

VCHO-15S    WH-6N    PTP-300