

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

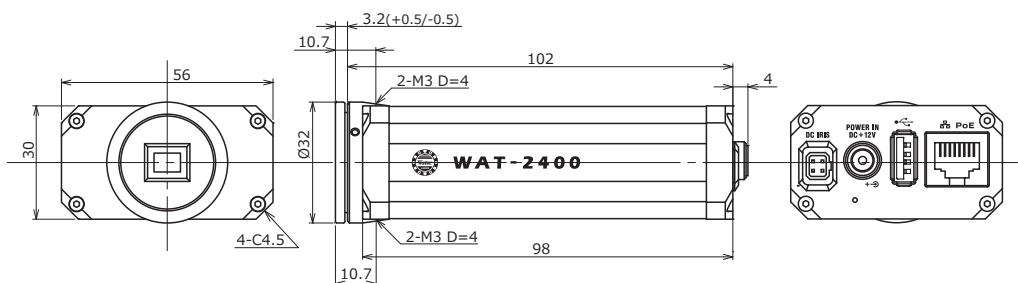
Full HD CMOS sensor



## 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
- H.264 Video compression format
- PoE (IEEE802.3af) & 12V DC input
- ONVIF® profile S compliant

## Dimensions



## Specifications

Pick-up element	1/2.8-inch CMOS image sensor
Number of effective pixels	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	H.264, (MJPEG *ONVIF MODE)
Output format	1080/30p, 720/30p (720/20p *ONVIF MODE)
Minimum Illumination	0.1 lx F1.2
S/N	More than 50dB
Function settings	Advanced setting available through web browser
AE mode	E.I + AGC, MANUAL
Shutter speed	1/5 - 1/10000 sec.
Flickerless mode	AUTO, 50Hz, 60Hz, OFF
White balance	ATW, PWB, MWB
AGC	0 - 42dB
ONVIF	profile S
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, FTP, DHCP, DNS, TELNET, SSH, SNMP, ARP, ICMP, Bonjour
Interface	RJ45 (10M/100M), USB, Auto iris, Power in
Communication speed	10BASE-T, 100BASE-TX
Lens iris	DC
Power supply	DC+12V±10% or PoE (IEEE 802.3af/at (Type 1))
Power consumption	5.6W/127mA (PoE), 5.4W/450mA (12V)
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, 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**

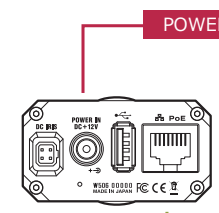
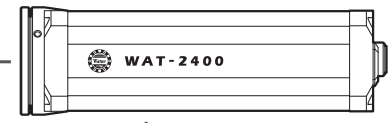
M2520BC-12    M2920BC-12  
 M3718BC-12    M0620BC-12    28MMA-M12-155  
 M0820BC-12

**C-mount adaptor**

C-mount lenses  
 ※Not in our lineup

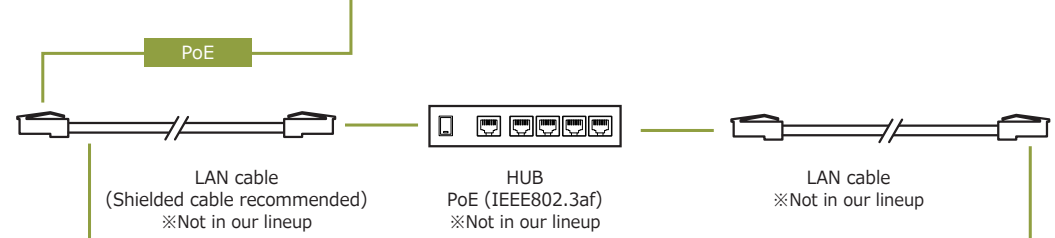
30CMA-R

**WAT-2400**



**Power supply adaptors**

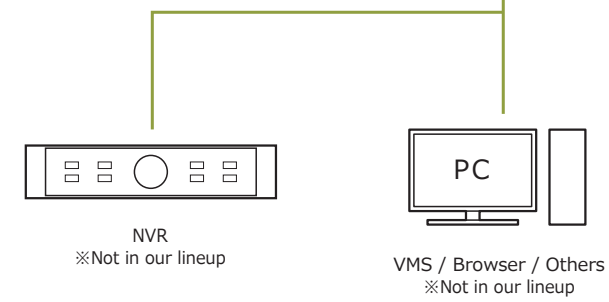
SWI12-12-N-P5    SWI12-12-E-P5



**Camera bracket**

B007

**Clamp filter**



**Stands**

MS50    WH-31    WH-11    WH-21

**Water resistant camera housing / Mounting brackets**

VCHO-15S    WH-6N    PTP-300