



WDR CAMERA

MULTI-USE FIXED-POSITION POE CAMERA



KEY FEATURES

- IP68-Rated Housing
- 30x Optical Zoom
- Electronic Image Stabilization (EIS)
- Wide Dynamic Range (WDR)



KEY PHYSICAL FEATURES

- Self-cleaning hydrophilic glass eliminates the need for a windshield wiper.
- Heated front glass automatically defogs and de-ices for reliable operation in all weather conditions.
- Waterproof RJ45 Ethernet connector.
- Integrated temperature and humidity sensor.
- IP68-rated all-aluminum enclosure for maximum environmental protection.
- Integrated sunshield to reduce glare and improve image quality.





WDR CAMERA

MULTI-USE FIXED-POSITION POE CAMERA

Physical Specifications

- **Weight:** 4.5 lbs. (2.1 kg) $\pm$ 0.5 lbs.
- **Dimensions:** 3.98" W $\times$ 5.12" H $\times$ 9.45" L (101 mm W $\times$ 130 mm H $\times$ 240 mm L)
- **Exterior Materials:** Powder coated Aluminium Exterior Housing
- **Exterior Fasteners:** 316 Stainless Steel Fasteners & Hardware

Certifications & Classifications

- **FCC Class:** FCC Part 15, Class A
- **Protection Rating:** IP-68
- **NEMA Standard:** NEMA TS2
- **WTI Manufacturer Warranty:** 3 Year Warranty
- **BABA Compliance:** Fully BABA Compliant. Designed & Manufactured in California

Image Sensor

- **Sensor:** 1/2.8" Sony Starvis 2 CMOS Image Sensor
- **Total Pixels:** 2,014(H) $\times$ 1,196(V) = 2.4M Pixels
- **Effective pixels:** 1,965(H) $\times$ 1,113(V) = 2.18M Pixels
- **Resolution:** 1920x1080
- **Frame Rate:** 60/50fps, 30/25 fps
- **Min. Illumination:** Color: 0.03 Lux @ (F1.7, AGC ON), BW: 0 Lux (w/ IR LED ON)
- **Scanning system:** Progressive Scan

Output & network

- **Video Encoding:** H.265 / H.264 / MJPEG
- **Bitrate:** 512~15000 kbps
- **Streaming:** Quadruple (x4) IP Streaming Main Stream : up to 1920 x 1080 Second Stream : up to 1280 x 720 JPEG : 1920 x 1080
- **Network:** 10BASE-T/100BASE-TX
- **Protocol:** IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, NTP, SMTP, FTP, HTTP, HTTPS, SSL/TLS
- **Connection Types:** Unicast or Multicast
- **Control Compatibility:** HTTP RESTful API, Onvif, Visca over IP

Lens, ZOOM, & Focus

- **Zoom Ratio:** Optical x30 Zoom | Digital x15 Zoom
- **Focal Length:** f = 4.6mm ~ 138mm
- **Aperture Ratio:** F1.63 (wide) ~ F4.85 (tele)
- **Focus Mode:** Auto (Zoom Trigger, Timer Trigger, One Push) Manual (Slide Control, One Push)
- **Minimum Focus Distance:** 0.5 meters (wide), 5 meters (tele)

Camera Functions

- **Exposure Modes:** Auto | Manual | Indoor Mode 50hz / 60hz (Flicker-Free)
- **AGC (Gain Control):** Auto / Manual
- **Shutter Speed:** 1/25(30)/1/50(60) ~ 1/5,000
- **WDR / BLC / HLC:** On / Off
- **Defog:** Off / Low / Middle / High
- **Image Stabilization:** On / Off
- **System Mode:** NTSC / PAL
- **Privacy Mask:** Max 8 Zones
- **Motion Detection:** 32 x 18 cell
- **OSD:** Title, Date, Resolution
- **Security:** Password protection, IP address filtering, Https encryption, brute force delay protection
- **Mirror:** Off, Vertical Flip, Horizontal Flip, H+V Flip (180 degree rotation)
- **Dynamic Noise Reduction:** 2D&3D

Power Specifications

- **Power Consumption:** 15 W Max
- **Power Connection:** Power over Ethernet

Environmental Performance

- **Temperature Range:** -40° C to +75° C (-40° F to +165° F)
- **Humidity:** 0 to 95% relative
- **Protection Rating:** IP-68

