# TOSHIBA

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# IK-WR12A
**IP NETWORK MEGAPIXEL DOME WITH EXTREME LOW LIGHT CAPABILITIES**



- IP66 rated weatherproof for outdoor with built-in heater/blower (-22° F to 122° F)

- IR LEDs provide 0.0 lux min. illumination

- IR LEDs enables video capture in total darkness for true 24/7 surveillance

- Vandal-resistant housing protects camera against tampering and damage

- 2MP resolution (1600 x 1200)

- Vari-focal 3-9 mm with 4x digital zoom

- Quad streaming MPEG4 and Motion JPEG

- Two-way audio

- Power over Ethernet, 12V DC or 24V AC

- Day/night imaging

- SD/SDHC card slot for local recording

- Privacy mask

# IK-WR12A

## IP NETWORK MEGAPIXEL DOME

### IMAGING

| | |
|---|---|
| Image Sensor | 1/3.2-inch CMOS |
| Effective Picture Element | 1600 x 1200 |
| Scanning System | Progressive |
| Lens | Vari-Focal f=3mm to 9mm |
| Angle of view | H: 30° to 87° , V: 22° to 64° |
| Focus system | Manual |
| Image Compression Format | JPEG, MPEG4 (dual codec) |
| Minimum illumination | 0.0 lux/F1.2 with IR LED on |
| White Balance | AWB |
| Gain AGC | Auto |
| BLC | Yes |
| Flickerless | Yes, 50Hz/60Hz selectable |
| Privacy Mask | Yes |
| Tamper Detection | Yes |
| Motion Detection | Yes |
| ePTZ | Yes |
| Zoom | 3X optical, 4x digital |
| Day/night | Removable IR-cut filter |

### ENVIRONMENT

| | |
|---|---|
| IP Code | IP66 |
| Heater/Fan (Blower) | Built in |
| Temperature range | -22° F to 122° F (-30° C to 50° C) |

### NETWORKING

| | |
|---|---|
| Support-protocol | TCP/ IP, HTTP, HTTPs, UPnP, SNMP RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE |
| Internet protocol | IPv4, IPv6 |
| Camera Setup Program | Installation Wizard ActiveX |
| MPEG4/JPEG | Simultaneous four streamings |
| Band width control | QoS, CoS |
| Image Sizes | 1600x1200, 1280x960, 800x600, 640x480, 320x240, 176 x144 |
| Frames per second (fps) | SVGA: 30 fps (MPEG, JPEG) UXGA: 15 fps (MPEG), 15 fps (JPEG) |
| Security | Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authentication |
| DDNS | no-ip.com changeIP.com |
| Audio I/O | MIC IN / LINE OUT 2-way audio (SIP) |
| Multi-cast/Uni-cast | Yes |
| Alarm recording | Yes |
| Recording in client PC | Yes |
| Recording to SD Card | Yes (SD, SDHC) |
| Export/upload function | Yes |
| E-mail, FTP | Yes |
| Daylight savings | Yes |

### INTERFACE

| | |
|---|---|
| Ethernet Connectors | 10 Base-T/100 Base-Tx RJ-45 |
| Audio in/out terminal | Yes (Mic In / Line out) |
| Web browser | Internet Explorer® V8.0 or later |
| Operating System | MS Windows® XP, Vista, 7 |

The IK-WR12A is weatherproof and vandal-resistant. It has an IP66 rating, meaning that its electronics are protected against dust, water/moisture/humidity, and impact. It will also detect tampering by blockage or spray paint. Install it with confidence in high-risk schools, jails, retail, parking lots, warehouses, airports, or anywhere outdoors. The advanced codec technology allows you to easily view, control, and manage all networked cameras using a standard web browser or Toshiba's surveillance management software from any networked computer.

### MECHANICAL

| | |
|---|---|
| Dimensions | 6.8" (ø) x 5.3" (H) |
| IR Illuminators | Effective up to 20 meters |
| Humidity of operation | 20 to 90% |
| Weight | 4.81 lobs (2,184 g) |
| Power Requirements | DC 12V±10%, AC 24V±10%, PoE |
| Power Consumption | 7.2W (12VDC), 14.4W (24VAC) |
| ROHS | Compliant |
| Standards | FCC/A and B, IC (ICES-003), UL60950, CSA C22.2 |

### OPTIONAL ACCESSORIES

| | |
|---|---|
| JK-PHO12 | Outdoor Housing |
| JK-PMA12 | Pole Mount Adapter |
| JK-CMA12 | Corner Mount adapter |
| JK-PMH12 | Pendant Mount Head |
| JK-WM12 | Wall Mount |
| JK-PMP12 | Pendant Mount Pipe |

**INCLUDED ACCESSORIES** AC adaptor, Bottom base, User's manual and install software (CD-ROM), Quick Start guide & Important Safeguards, Warranty, Alignment Sticker, Ceiling hole template sticker, Hex Key Wrench, RJ45 Female/Female Coupler, Silica Gel, Screws (x7), Anchors (x4)

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