IK-WR04A

Outdoor IP Network Mini-Dome Camera

Vandal resistant, megapixel camera with varifocal lens

The Toshiba IK-WR04A IP camera is ideal for outdoor applications that require HD resolution. With varifocal zoom, 720p HD and IP66 rated housing, this compact mini-dome is a practical camera for outdoor IP video systems. ONVIF compliance and 802.3af Power over Ethernet simplifies installation.

- 720p HD video high resolution image capture
- Wide dynamic range enables use in multiple locations
- Varifocal 3mm - 12mm optical zoom
- Works great with the following recording solutions: ESV series, DVSe, XVSe, NVSe, IPSe, NVSPRO

- ONVIF compliant for maximum compatibility
- Power over Ethernet (802.3af)
- MicroSD card for edge storage
- IP66 rated housing
- IK10 vandal proof rating

720P HD **VARIFOCAL LENS** **ONVIF**

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Camera

Image sensor	1/4" progressive scan CMOS 1MP
Effective pixels	1280 x 800
Lens	Varifocal f=3mm to 12mm, F=1.4
Lens type	Fixed Iris
Zoom	4x optical, 4x digital
Angle of View	24 - 61 degrees horizontal, 15 - 38 degrees vertical
Min. Illumination	0.38 lux @ F1.4 (50%)
Electric shutter	1/5-1/32,000 sec

Camera Features

Day/Night	Yes, electronic
Wide dynamic range	Yes
White balance	AWB (2800K to 10,000K)
Gain (AGC)	Auto
BLC	Yes
Privacy mask	Yes
Motion detection	Yes

Audio/Video

Compression	H.264, MPEG4, MJPEG
Resolutions	1280x800, 640x400, 320x200,176x144
Frame rate (max)[1]	Up to 30 fps @ 1280x800
Video streams	4 simultaneous
Audio	Not available

Network

Protocols	IPv4, IPv6, TCP/IP, UDP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
ONVIF	Yes, ver. 1.02
Maximum user access	10 clients
Security	Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authorization
Basic authentication	Yes (Windows standard)
Bandwidth control	QoS, CoS
Camera set-up program	Installation Wizard (v.1.0.0.7 or later)
Plug-In	Active X
Alarm recording	FTP, email, MicroSD card, HTTP, samba

Interface

Ethernet connectors	10 Base-T/100 Base-TX, RJ45
Digital In/Out	1 IN
SD card slot	MicroSD/SDHC, max 32GB

General

Dimensions	3.15 inch (H) x 4.33 inch (Diameter) (80mm x 110mm)
Weight	1.1 lbs (500g)
Power requirements	802.3af PoE, 12V DC
Power consumption	3.84W max
Operation temperature[2]	-22°F to 122°F (-30°C to 50°C)[3]
Operation humidity	~ 90%
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Storage humidity	~ 95%
OS	Linux 2.6
Approvals	FCC Class B, IC(ICES-003), UL 60950-1, cUL
Vandal resistance	IK10
Outdoor rating	IP66

System Requirements

Web browser support	Internet Explorer® Ver. 8.0
Supported OS	Windows® XP, Vista® Business, Windows 7 professional

1. Varies in accordance with the object, image quality, network environment and performance of the client used.
2. For temperatures below 14°F (-10°C), allow the camera to power on for 1 hour.
3. Temperature specification is tentative.

Package contents:
IK-WR04A camera, PoE adapter, screws, CD-ROM, Quick Installation Guide, Warranty Card

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IP Mini-Dome Camera

Included Accessories

- PoE adapter
- CD-ROM
- Quick Start Guide
- Warranty Card
- Screws

Optional Accessories

Accessory Type	Part Number	Description	Photo
Wall mount	JK-WM04	Wall mount	