



IK-WD05A

Wide Angle Indoor IP Mini-Dome Camera

Versatile indoor solution with 110° viewing angle

The Toshiba IK-WD05A is a wide angle indoor 1080p HD IP camera with IR LEDs for multiple IP applications. With wide dynamic range and true day/night, it is ideal for use in a variety of locations. ONVIF compliant and 802.3af Power over Ethernet simplifies installation.

- 110° horizontal viewing angle
- 1080p HD video image capture
- True Day/Night with IR LEDs
- Pre-focused lens for objects at close range up to infinity
- ONVIF for maximum compatibility
- Power over Ethernet (802.3af)
- MicroSD card for edge recording



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Camera

Image sensor	1/2.7" progressive scan CMOS 2MP
Effective pixels	1920 x 1080
Lens	Fixed f=2.8mm, F=2.0
Lens type	Fixed Iris
Zoom	4x digital
Angle of View	110° horizontal, 81.5° vertical
Min. Illumination	0.5 lux (Color), 0.001 lux (B/W)
IR illuminators	15m range
Electric shutter	1/5-1/32,000

Camera Features

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

Video

Compression	H.264, MPEG4, MJPEG
Resolutions	1920x1080, 1280x1024, 1280x720, 1024x768, 640x480, 320x240
Frame rate (max) ¹	Up to 30 fps @ 1920x1080
Video streams	4 simultaneous

Toshiba 110° wide angle lens



Standard 93° angle lens



* Simulated images

Network

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

Interface

Ethernet connectors	10 Base-T/100 Base-TX, RJ45 connector
Digital In/Out	1 IN
SD card slot	Micro SD/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 temp	14°F to 122°F (-10°C to 50°C)
Operation humidity	~ 90%
OS	Linux 2.6
Approvals	FCC Class B, IC (ICES-003) UL 60950-1, cUL
Warranty	Two years parts and labor

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.

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Included Accessories

- Video out cable
- Screws and anchors
- CD-ROM
- Alignment sticker
- RJ45 female-female coupler
- Clamp filter



Optional Accessories

Accessory Type	Part Number	Description	Photo
Wall mount	JK-WM04	Wall mount	A white plastic wall mount bracket with four mounting holes and a central cutout for the camera.
Mount adapter	JK-JBA3	Adapter for mounting to 4-11/16 inch junction box	A white plastic mount adapter with a central circular opening and four mounting holes, designed to fit into a junction box.