



# 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

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

## Camera Features

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

## Video

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

### Toshiba 110° wide angle lens



### Standard 93° angle lens



\* Simulated images

## Network

<b>Protocols</b>	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
<b>ONVIF</b>	Yes, Profile S and ver. 1.02
<b>Maximum user access</b>	10 clients
<b>Security</b>	Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authentication
<b>Basic authentication</b>	Yes (Windows standard)
<b>Bandwidth control</b>	QoS, CoS
<b>Camera set-up program</b>	Installation Wizard
<b>Plug-In</b>	Active X
<b>Alarm recording</b>	FTP, email, MicroSD card, HTTP, samba

## Interface

<b>Ethernet connectors</b>	10 Base-T/100 Base-TX, RJ45 connector
<b>Digital In/Out</b>	1 IN
<b>SD card slot</b>	Micro SD/SDHC, max 32GB

## General

<b>Dimensions</b>	3.15 inch (H) x 4.33 inch (Diameter) (80mm x 110mm)
<b>Weight</b>	1.1 lbs (500g)
<b>Power requirements</b>	802.3af PoE, 12V DC
<b>Power consumption</b>	3.84W max
<b>Operation temp</b>	14°F to 122°F (-10°C to 50°C)
<b>Operation humidity</b>	~ 90%
<b>OS</b>	Linux 2.6
<b>Approvals</b>	FCC Class B, IC (ICES-003) UL 60950-1, cUL
<b>Warranty</b>	Two years parts and labor

## System Requirements

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

<sup>1</sup>. 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	