



## IP Video

*Made easy, affordable  
and reliable with  
Toshiba quality*

- Two domes to choose from: IK-WD01A and IK-WD01A/3.3-12
- Minimum illumination 0.1 lux @ F1.4
- Dual codec Motion-JPEG and MPEG-4 compression, dual streaming
- Varifocal wide-angle lens features 2X optical and 4x digital zoom, flickerless imaging (IK-WD01A)
- Varifocal lens with 3.6x optical zoom and 4x digital zoom (IK-WD01A/3.3-12)
- Power-over-Ethernet (PoE)
- VGA (640 x 480) resolution at 30 fps maximum
- Audio input/output
- 1/4" CMOS sensor (IK-WD01A) or 1/3" CMOS (IK-WD01A/3.3-12)
- Indoor use only

# IK-WD01A Series

## IP NETWORK MINI-DOMES

### IMAGING

	IK-WD01A	IK-WD01A/3.3-12
Image sensor	1/4-inch CMOS	1/3-inch CMOS
Scanning system	Progressive	
Image compression	Motion JPEG, MPEG-4 dual codec	
Compression rate steps	JPEG/MPEG-4: 5 steps	
AES	1/5 to 1/15000	
White balance	AWB	
Gain AGC	Auto	
Backlight compensation	On	
Flickerless	On	
Privacy mask	Yes	
Motion detection	Yes	

### OPTICS

Lens (Varifocal)	wide angle (f=2.0 to 4.0 mm) 2x optical zoom	f=3.3 to 12mm 3.6x optical zoom
Minimum illumination	0.1 lux @ F=1.4	
Angle of view (H)	53.2° to 105°	89.8° to 23.9°
Angle of view (V)	39.9° to 78.8°	63.6° to 17.9°
Angle control	3 axis	
Pan range	±175°	
Tilt range	+85° to -35°	
Digital zoom	4x	
Focus system	Manual	

### ETHERNET

Protocol support	TCP/ IP, HTTP, UPnP, RTSP/RTP/RTCP, GMP, SMTP, FTP, Telnet, DHCP, NTP, DNS, DDNS, PPPoE	
Internet protocol	IPv4	
Ethernet connections	RJ-45: 10BASE-T/100BASE-TX	
Web browser support	IE V6.0 or above	
Available OS	Microsoft Windows XP, Windows Vista (Business)	
Camera setup program	Installation Wizard, uPnP	
Plug in	ActiveX	
MPEG-4/JPEG	Simultaneous dual streaming	
Maximum access users	10	
Image sizes (MPEG-4 and JPEG)	640 x 480, 320 x 240, 176 x 144	
Frame rate (MPEG-4 and JPEG)	30 fps maximum at VGA	
FTPc frame rate (max/sec)	1 fps	
Basic authentication	Yes	
Verisign authentication	Yes	
Multicast	Yes	
Alarm recording, email, FTP	Yes	
Audio input/output	Yes (Mic in, Line out)	
Recording in client PC	Yes	
FW version up	Yes	

### MECHANICAL

Appearance	Fixed indoor mini-dome, misty white color	
Dimensions	5.6" D x 4.2" H (143 mm D x 106 mm H)	
Dome cover radius	3.5" (90 mm)	
Weight	1.2 lbs (575 g)	
Power requirements	12 V ±10%, PoE	
Power consumption	3.6 W	
OS	Linux Ver 2.4	
Standards - camera	FCC/B, IC (ICES-003)	
Standards - AC adapter	UL, CSA, FCC/B	

### ACCESSORIES

Included	AC adapter, install guide, screw set, I/O connector, screw driver, quick guide, CD-ROM (manual, Installation Wizard), warranty	
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Toshiba IK-WD01A IP Series mini dome cameras offer real-time, high-resolution surveillance video over networks.

Discreet and compact, these mini domes make it easy and affordable to bring IP video into your surveillance program. Both are ideal companions to Toshiba digital recording solutions, LCD monitors and accessories.

### MAIN FEATURES

- Streaming digital video of IP networks and the Internet
- VGA video (640 x 480) with audio
- Dual MPEG-4 and Motion JPEG compression
- Power over Ethernet (PoE)
- Up to 30 frames per second
- 1/4" or 1/3" CMOS sensors
- Varifocal lens with 2x optical and 4X digital zoom (IK-WD01A)
- Varifocal lens with 3.6x optical zoom and 4x digital zoom (IK-WD01A/3.3-12)
- Simple installation and perfect for replacement of analog domes

### Optional Recessed Mounting Kit for IK-WD01A Series Domes

