TOSHIBA
Leading Innovation ⫸

IK-WB30A
IP NETWORK VIDEO CAMERA

THE TOSHIBA IK-WB30A IS:
- **2-MEGAPIXEL**
- **TRUE DAY/NIGHT**
- **MPEG4 & MJPEG**
- **PoE (802.3af)**

• **2-Megapixel CMOS Sensor**
Clear, crisp video surveillance images up to 1600 x 1200 resolution

• **True Day-Night Capability**
Acts as both an IR night vision camera and a high-resolution color camera during the daylight hours

• **Quad Streaming MPEG4 and MJPEG**
Simultanuous compression transfers MPEG4 images over limited bandwidth networks, plus stores high-resolution MJPEG to an NVR

• **Power over Ethernet (PoE)**
Reduces time, cost and complexity of IP camera installations by running data and power over same CAT5e or 6a cable

• **SD Card Slot**
Record "at camera" on SD card

• **Electronic Pan-Tilt-Zoom (ePTZ)**
Transmits thumbnail image of entire field of view and allows you to instantly move to a target region for close-up shots

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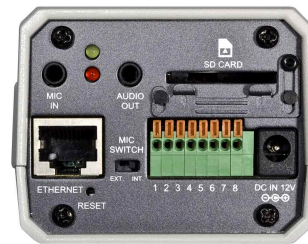
CAMERA SPECIFICATIONS

Lens mount	CS (lens not included)
Zoom (Digital)	4x
Image Sensor	1/3.2 Inch CMOS
Effective Picture Element	1600 (H) x 1200 (V)
Scanning System	Progressive
Compression Format	JPEG, MPEG4 dual codec
Compression rate steps	JPEG /MPEG4 6 steps
Audio I/O	MIC IN / LINE OUT, 2-way audio (SIP) supported
Minimum illumination *1	0.04 lux / F1.4 (Night mode, Max gain 4x, 1/30 sec) 0.01 lux / F1.4 (Night mode, Max gain 8x, 1/5 sec)
Electric shutter	1/5-1/40,000 sec
Day/Night (mechanical)	Removeable IR-cut filter
White Balance	AWB
AGC	Auto
BLC	Yes
Flicker less	Yes 50Hz/60Hz selectable
Privacy Mask	Yes
Tamper Detection	Yes
Motion Detection	Yes

NETWORK SPECIFICATIONS

Support-protocol	TCP/ IP, HTTP, HTTPs, UPnP, RTSP/RTP/RTCP, IGMP, SMTP,FTP, DHCP,NTP,DNS,DDNS,PPPoE, SNMP
Internet protocol	IPv4, IPv6
Camera setup program	Installation Wizard
Application plug-in	ActiveX
MPEG4/JPEG	Simultaneous four streamings
Maximum access user	Up to 10 clients (Live view)
Band width control	QoS, CoS
Image sizes (JPEG)	1600 x 1200, 1280 x 960, 800 x 600, 640 x 480, 320x240, 176 x 144
Image sizes (Mpeg4)	1600 x 1200, 1280 x 960, 800 x 600, 640 x 480, 320 x 240, 176 x 144
Max frames-per-second (fps) *1	30fps at SVGA, 15fps at UXGA (MJPEG) 30fps at SVGA, 15fps at UXGA (MPEG4)
Security	Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authentication
DDNS	no-ip.com changeIP.com
Multi-cast/Uni-cast	Yes
Alarm recording, e-mail, FTP	Yes
Recording on SD card	Yes (supported SD, SDHC card)
ePTZ	Yes
Export/upload function	Yes
Daylight savings	Yes

INTERFACE SPECIFICATIONS

Ethernet Connectors	10 Base-T/100 Base-Tx_RJ-45
Built-in microphone	Yes
Audio in/out terminal	2-way audio (Mic In / Line out)
Digital input/output terminal	in x 1, out x 1
RS485 (PT base control)	Pelco-D protocol supported

NETWORK U/I SPECIFICATIONS

Web browser support	Internet Explorer® Ver 7.0 or 8.0
Available OS	Windows XP®, Windows Vista Business®

OVERALL SPECIFICATIONS

Dimensions (excluding protusion)	6.0" (L) x 2.8" (W) x 2.2" (H) 153mm (L) x 72mm (W) x 55mm (H)
Temperature of operation	14°-122° F (-10° to +50° C)
Humidity	20% to 90%
Weight	1.34 lbs (606 g)
Power requirements	DC 12V±10%, 24VAC ±10%, and PoE
Current consumption	12 VDC/0.6A, 24 VAC/0.6A
OS	Linux Ver2.6
Camera rating	FCC/B verification, IC (ICES-003)
AC adapter rating	UL609050-1, CSA C22.2 FCC/B verification
RoHS	Yes

*1 Individual results may vary.

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