

**TOSHIBA**

# IK-WB01A

Wireless Network Camera

1-877-MYNETCAM

FCC-B Rated For Home and Business Use



## Watch Anything Anywhere Anytime



On-Line  
Entertainment



Home  
Monitoring



Business  
Surveillance

## Wireless Ease, High Quality Video, Reflector Solution and Dynamic DNS!

Committed to People,  
Committed to the Future. **TOSHIBA**

# IK-WB01A Network Camera

## IK-WB01A Wireless Network Camera

Affordable. Fun. Easy to use. Wireless. High-resolution. The new Toshiba IK-WB01A has it all so it can do it all! It has its own built-in web server so no computer is required, plus dynamic DNS support. Now you can capture live, high-resolution video viewable from anywhere in the world, via the Internet, using only a standard web browser. The IP-addressable IK-WB01A is perfect for security surveillance, business, education, video chat sessions, entertainment, remote broadcasting for a website, and many other quality-sensitive applications.



## Key Features



### 350,000 Pixel CCD

Get high-resolution (640x480) video thanks to the 350,000 pixel progressive scan CCD that provides precise details, clarity and true color reproduction by eliminating jagged edges.



### Wireless Connection

The IK-WB01A is 802.11b compliant, and ready for use on a wireless network. It can be set up anywhere within range of a wireless router or access point.



### Low-Light Imaging

The low-light, high sensitivity IK-WB01A lets you monitor dark areas or use it for night-time surveillance. The camera automatically changes from color to black & white imaging in low light for maximum sensitivity down to 0.7 lux.



### Built-In Microphone

Add audio to your video stream.



### 64/128 Security

Secure your wireless network using WEP encryption technology blocking out unauthorized use of your wireless network.



### 10/100 Ethernet Network

In addition to wireless LAN, the IK-WB01A can be connected with cable (RJ45) to a LAN, cable modem or DSL modem for superfast 10/100 Ethernet connectivity.

### Motion Detection Ready

The IK-WB01A can be easily hard wired with a standard motion detection device using the alarm input jacks for added security.

### Reflector Solution

The IK-WB01A has a reflector solution to prevent web page crashes or bad image quality from too much traffic. With this technology, the host server connects to a camera with a single connection and rebroadcasts the video stream. One stream of video off the users' DSL/Cable ISP minimizes bandwidth use. The host can offer as many streams as necessary to support your web site's traffic. The reflector solution can be used by any hosting company, as well as Toshiba's [www.camerawebpage.com](http://www.camerawebpage.com).

### Multiple Screen

View up to 16 cameras.

### 10 Preset Auto Patrol

Set up 10 preset positions for the camera to scan to for continual monitoring without user interaction. Using the preset function a business owner is capable of capturing images in multiple areas using one camera.

### Adhoc & Infrastructure for Wireless LAN

Adhoc supports peer-to-peer connections. Infrastructure supports connection for access points.

### Click To Center

Click on the live camera image to recenter/reposition the camera pan/tilt function. Directional arrows are also provided for Pan Tilt operation.

# IK-WB01A Applications



Applications for the IK-WB01A are limitless. With it a parent can remotely monitor their child's day-care center on a notebook computer from work. A general contractor can use a PDA to oversee a construction project thousands of miles away. A webmaster can build traffic by broadcasting high-quality streaming video of tourist sites, sports and other live action. And a business owner can watch their password-protected CCTV system, day or night, from a home PC. The fact is, once you try the incredible IK-WB01A, you'll wonder how your business, school, website or family ever got along without it.

Using a simple set-up program the IK-WB01A can be configured for remote monitoring and for live website broadcasting. It can also send an e-mail alert to up to 20 addresses if an optional connected alarm device such as a smoke detector or motion sensor is triggered. Images can be archived to a remote server.



## www.camerawebpage.com

### www.camerawebpage.com\*

By registering your camera at [www.camerawebpage.com](http://www.camerawebpage.com) you can find it anywhere on the Internet, no matter where the camera is connected, even without a static IP. Plus, you'll get a free 90-day trial homepage that displays the camera, statistics, and an optional profile. Choose to become a member of the Toshiba Online Camera Community and browse other cameras and pages. It's a great way to meet other users and to get the most from your equipment. Web pages can include features such as chat, guest books, counter, calendar, time-lapse recording and archiving, a photo album, blog, buddy lists, web page skins and much more.

*\*The [www.camerawebpage.com](http://www.camerawebpage.com) services require an additional fee. [www.camerawebpage.com](http://www.camerawebpage.com) is designed to grow as your needs grow. Select the features you want for your webpage and start enjoying your experience. With [www.camerawebpage.com](http://www.camerawebpage.com), we design the page for you so it won't be necessary to learn how to create your own.*



[www.camerawebpage.com](http://www.camerawebpage.com)

### PREMIUM HOSTING PACKAGES

#### Dynamic DNS Service Solution

With Dynamic DNS, you will always be able to find your camera on the Internet with a fixed DNS name, even if its IP address changes. This allows you to easily host the camera on a network with a dynamic IP or even move the camera to a different network and still be able to access it with the same URL on the Internet.

#### Reflector Service Solution

The reflector service minimizes your home bandwidth requirements by reflecting your video stream off of the [www.camerawebpage.com](http://www.camerawebpage.com) server allowing you to maintain your connection speed. Your video stream will remain at its intended frame rate regardless of how many users connect to view your camera.

#### Home Service Solution

Professional web hosting is available with many great features built in. Now a camera user can access a personalized instant camera webpage already set up for the Toshiba network camera. All pages are professionally hosted, in a world class state-of-the-art hosting facility so the user does not have to worry about any equipment other than the network camera. As the needs grow, users can easily add a personalized chat,

cam archives and other features that will make their camera webpage experience more fun and exciting.

#### E-Commerce Solution

Identical to the Home Service but with additional features focused on e-commerce applications. Users can take advantage of Secure Socket Layer (SSL) allowing 128b encryption, and easily integrate credit card processing, database integration and more.

#### Security Solution

This hosting service focuses on security applications. Camera owners can connect an unlimited number of cameras to the Internet, and Toshiba will archive images in a secure, remote data center. This is the ultimate in live and affordable video surveillance. With this package shop owners – with nothing more than Internet access – can get a live look into their business while at home, on vacation or traveling for business, anytime from anywhere. For added security, users also have access to 30 days worth of archived surveillance, stored securely and remotely. Why worry about someone tampering with VCR's and DVR's when you can store and access video offsite. Now a business owner can check on an alarm call from home by viewing the camera live and notify police if there is an actual break-in. Captured images can also be sent via e-mail on motion detection, or by actual alarms triggered.

**For information, call 1-877-MYNETCAM or go to [www.camerawebpage.com](http://www.camerawebpage.com)**

# IK-WB01A Specifications

## IMAGING

Image Sensor	1/5" Progressive Scan CCD
Pixel Count	0.35 Megapixel
Focal Length	f=2.6mm
F-Stop	F=2.8
Focusing Range	13.8" to infinity
Minimal Illumination	2 Lux (Normal) 0.7 Lux (w/frame rate low)
Compression	JPEG (3 mode)
Backlight Comp.	Yes
Image Sizes	
VGA:	640x480
QVGA:	320x240
QQVGA:	160x120

## CONTROLS

Pan	112° (+56 to -56)
Tilt	54° (+5 to -49)
Digital Zoom	5x
Preset Position	10 Positions
Maximum Frame Rates	
640x480	7.5 fps maximum
320x240	7.5 fps maximum
160x120	7.5 fps maximum
320x240 (ZOOM)	15 fps maximum
160x120 (ZOOM)	15 fps maximum
Auto B/W	Yes (selectable)
E-Mail Notification	Yes
Alarm in, Battery alarm, and IP Address change	
Shutter Speeds	AES

## PHYSICAL

Audio	Built-in Microphone (PCM)
Dimension	5.0" x 5.0" x 4.7"
Power Source	DC 10V
Power Consumption	8w
Working Temperature	32°-104° F (0°-40°C)
Humidity	80% or less
Weight	21.16 ounces

## CONNECTIVITY

Ethernet	RJ45 (10Base-T/100BASE-TX)
Wireless	IEEE802.11b
Wireless Range (approximately)	
Indoors	300 feet
Outdoors	600 feet
Protocols	
TCP/IP, UDP/IP, HTTP, SMTP, DNS, DHCP, NTP, ARP, ICMP, syslog, DDNS	

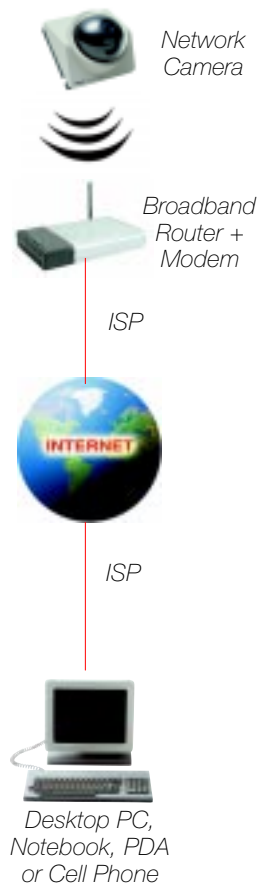
## ACCESSORIES

AC Adapter, Power Cord, User's Manual, Wall Bracket, Screw Set

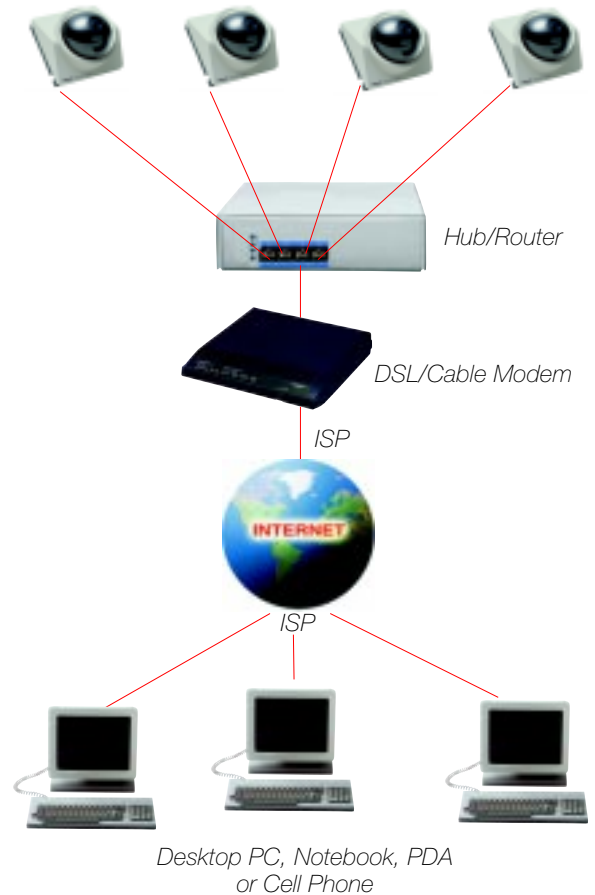
## REQUIREMENTS

Browser	Internet Explorer® Ver. 6.0 Netscape® Ver. 7.0
Operating System	Windows® 98/2000/XP Mac® OSX
Processor	Intel® Pentium® III 500MHz+
Memory	268MB+

### Connection Example 1\*



### Connection Example 2\*



\*Use Toshiba Camera Finder software to locate and configure all of the Toshiba cameras on your network quickly and easily from one application. Available at [www.camerawebpage.com](http://www.camerawebpage.com).

