



*High Resolution Video From A Versatile PTZ Network Dome Camera With 22X Zoom You Can View Anywhere, Anytime Using Only A Standard Browser!*

- High-Speed PTZ Functionality
- Powerful 22x Optical Zoom Lens
- Ultra-Sharp SXVGA Resolution (1280 x 960)
- 10 BASE-T, 100 BASE-TX (RJ-45) Ethernet
- Built-in Slot for SD™ Card (Record At Camera)
- Motion JPEG Video Streaming
- Up to 30 Frames-Per-Second
- -175° to +175° Pan Angle
- 300° Per Second Pan Speed
- 200° Per Second Tilt Speed
- Compact, Lightweight, Easy to Install

# IK-WB21A

## IP Network PTZ Camera

S P E C I F I C A T I O N S	
<i>Pick-Up Element</i>	1/4" Interline Transfer CCD
<i>Effective Picture Elements</i>	648 x 486 x 2 Pixel (Honeycomb Layout)
<i>Resolution</i>	SXVGA (1280 x 960) VGA (640 x 480) default QVGA (320 x 240) QQVGA (160 x 120)
<i>Frame Per Second (FPS)</i>	SXVGA: Max 7.5 FPS VGA: Max 30 FPS QVGA: Max 30 FPS QQVGA: Max 30 FPS
<i>Image Compression</i>	JPEG
<i>Video Streaming Format</i>	Motion JPEG
<i>Pan Angle</i>	-175 to +175 Degrees
<i>Pan Speed</i>	300 Degrees Per Second
<i>Tilt Angle</i>	Desktop -30° to 90°, Ceiling -90° to 30°
<i>Tilt Speed</i>	200 Degrees Per Second
<i>Minimum Subject Illumination</i>	0.13 Lux @ F1.6 at AGC High
<i>Day Night Function (Color Cut)</i>	Yes
<i>Lens</i>	22x Optical Zoom, f=4.0 mm to 88.0 mm, F1.6 (wide), F3.8 (tele)
<i>Focus Mode</i>	Auto/Manual/Preset
<i>Slow Shutter</i>	Off, 1/7.5 s (x4), 1/3.75 s (x8), 1/2.5 s (x12), 1/1.8 s (x16), 1 s (x30), 2 s (x60), 4 s (x120), Off=1/30 s
<i>Iris Control</i>	Auto/Manual
<i>Auto White Balance</i>	Normal/Wide
<i>AGC (Gain)</i>	Standard and Max
<i>Color Gain</i>	R-Y/B-Y Gain Control
<i>Sharpness</i>	Yes (Sharp/Standard/Soft)
<i>White Balance</i>	Auto, Indoor1, Indoor2, Outdoor, Hold, Manual
<i>Backlight Compensation</i>	Off, Screen Upper 2/3, Screen Lower 2/3, Screen Center 1/3, Screen Center 1/6, Screen Right and Left 1/2, Auto
<i>Protocols</i>	TCP/IP, UDP, FTP, DHCP, HTTP, DNS, DDNS, ARP, ICMP, SMTP, POP3, RNCIP
<i>Ethernet Connection</i>	10Base-T, 100Base-TX
<i>Ethernet Port</i>	RJ45
<i>Audio In/Out</i>	Yes (1-Microphone In/1-Line Out)
<i>Alarm In/Out</i>	Yes (1-Alarm In/1-Alarm Out)
<i>External Storage</i>	Slot for SD Memory Card
<i>Operating System</i>	Linux
<i>Camera Mounting</i>	Desktop, Ceiling
<i>Power Supply</i>	12 V DC ( $\pm 10\%$ ), 100-240 V AC
<i>Power Consumption</i>	10 W
<i>Operating Temperature</i>	14 °F to 104 °F (-10 °C to 40 °C)
<i>Dimensions (inches)</i>	4.48 (W) x 5.35 (H) x 4.48 (L)
<i>Weight</i>	1.58 lbs. (720 grams)
<i>Standards</i>	UL2044/cUL, FCC, Class A
<i>Accessories</i>	AC Power Adaptor, AC Power Cable, DC Extension Cable, Mount Cover, Mount Bracket, Screws, Operation Manual (CD-ROM), Quick Guide, Ferrite Core
<i>Optional Accessories</i>	Netcam Outdoor Housing (FB-3610-92-HB-C), Wall Mount for FB-3610 (FSM3610), Ceiling Mount for FB- 3610 (FSP3610), Pole Mount for FB-3610 (FSA3610), Corner Adapter for FB-3610 (FSC3610), Clear Dome Cover (FD-1609C), Tinted Dome Cover (FD-1609S)

### Mounting Hardware (Included)



### Also New From Toshiba! Surveillix® NVR Network Video Recorder



- Fault tolerant capabilities
- Records over the Internet
- Field upgradeable, replacement HDD array
- Designed for Internal RAID 5 capability
- Large storage capacities (over 2 TB)
- Simultaneous search, playback and backup
- Advanced POS and ATM support
- Up to 16 IP cameras
- Toshiba quality