IK-WP41A

High-Speed IP Network PTZ Dome Camera

Outdoor ready, 20x optical zoom

The Toshiba IK-WP41A IP PTZ dome camera is enabled with 20x optical zoom and 1080p full HD resolution to capture large areas with fine detail. With high speed pan, tilt, zoom and day/night capabilities, it is ideal for use in transportation, public space, and warehouse locations. Advanced preset and auto patrol functions offer flexible coverage while 802.3at Power over Ethernet Plus simplifies installation.

- 20x optical zoom provides sharp, up-close details for accurate identification

- Full 1080p HD video high resolution image capture (1920 x 1080)

- IR cut filter for day/night operation

- Wide dynamic range optimizes visibility in difficult lighting conditions

- Continuous 360° PTZ

- Self-contained IP66 housing

- H.264 compression

- PoE+ (802.at)

- Two year warranty

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Camera

Image sensor	$1/2.8$ inch progressive scan CMOS
Effective pixels	1920 x 1080 (2MP)
Lens	Vari-focal f=4.7mm to 94mm, F=1.6 (wide), F=3.5 (tele)
Lens type	Auto focus
Zoom	20x optical, 12x digital
Pan/Tilt	360° continuous pan / 85° (indoor) tilt, 92° (outdoor) tilt
Viewing angle	2.9°(tele) to 55.4° (wide) horizontal
Min. Illumination	Night mode: 0.3 lux (F1.6, 1/30 sec, 50IRE), Day mode: 1.7 lux (F1.6, 1/30 sec, 50IRE)
Electric shutter	1-1/10,000

Camera Features

Day/Night	Yes, IR cut filter
Wide Dynamic Range	Auto, On and Off
White balance	Auto, ATW, Indoor, Outdoor, One-Push
Gain (AGC)	Auto, Manual
BLC	Yes
Privacy mask	Yes, 8 zones
Motion detection	Yes
Pan/Tilt speed	Auto: 0.1 - 430°/s pan, 0.1 - 200°/s tilt Manual: 0.1 - 120°/s pan, 0.1 - 90°/s tilt
PTZ features	128 presets, auto patrol, auto flip, auto restore, proportional pan/tilt

Video

Compression	H.264, MJPEG
Resolutions	1080p, 720p, 480p, VGA, QVGA, CIF
Frame rate (max) *1	Up to 30 fps @ 1080p (H.264) Up to 30 fps @ 1080p (MJPEG)
Video streams	2 simultaneous @ 720p, single @ 1080p

Audio

Audio Compression	PCM, G711
Audio In/Out *2	Line Out (1 Vrms)

Network

Protocols	IPv4, TCP/IP, UDP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, ARP
Security	Password protection (Administrator and 5 users)
Basic authentication	Yes (Windows standard)
Bandwidth control	TBD
Camera set-up program	TBD
Plug-In	Active X
Alarm recording	FTP, email, SD card

Interface

Ethernet connectors	10 Base-T/100 Base-TX, RJ45
Digital In/Out	6 IN / 1 OUT
SD card slot	SDHC

General

Dimensions	12.76 inch (H) x 8.53 inch (Diameter) (324mm x 216.6mm)
Weight	8.38 lbs (3800g)
Power requirements	24V AC±15 % 60Hz or 802.3at PoE+
Power consumption	55w max (using 24VAC)
Operation temperature *3	PoE: 14°F - 122°F (-10°C - 50°C) 24VAC: -22°F - 122°F (-30°C - 50°C)
Operation humidity	~ 90%
Storage temperature	-22°F to 140°F (-30°C to 60°C)
Storage humidity	~90%
OS	TBD
Approvals	FCC Class A, UL 60950-1, cUL
Environmental	IP66

System Requirements

Web browser support	Internet Explorer® Ver. 8.0 or later
Supported OS	Windows® XP, Vista® Business, Windows 7 professional

*1: Varies in accordance with the object, image quality, network environment and performance of the client used. FPS decreases by half when WDR is on.

*2: Sound quality varies depending on the condition of the network.

*3: Heater must be powered by 24VAC.

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Included Accessories

- Allen wrench
- RJ45 Coupler
- Quick Start guide and Important Safeguards
- Torx wrench
- Silica-gel
- Warranty card
- Screw (1/4-20UNC, 12mm)
- CD-ROM

Optional Accessories

Accessory Type	Part Number	Description	Photo
Wall Mount	JK-WM41A	Wall mount	
Wall Mount	JK-WMB41A	Wall mount with junction box	
Corner Mount Adapter	JK-CM41A	Corner mount adapter Use with JK-WM41A or JK-WMB41A	
Pole Mount Adapter	JK-PM41A	Pole mount adapter use with JK-WM41A or JK-WMB41A	
Pendant Mount	JK-PH41A	Pendant mount	
Pendant Mount	JK-PMB41A	Pendant mount with junction box	
Parapet Mount	JK-PP41A	Parapet mount	
Sun Shield	JK-SS41A	Sun shield	
Pendant Pipe	JK-PMP41A	Pendant pipe Use with JK-PM41A or JK-PMB41A	