



# IKS-WP816R

18x Optical Zoom  
1080p Outdoor IP PTZ

## Full HD Resolution in a Rugged Outdoor PTZ

The Toshiba IKS-WP816R is an 18x 1080p HD PTZ IP camera designed for outdoor applications. Full HD resolution, WDR, 18x optical zoom and pattern tour provides full coverage for any large area. ONVIF compliant ensures compatibility with any system.

- 18x optical zoom
- 1080p HD video high resolution video image capture
- Integrated heater and fan
- True Day/Night
- ONVIF compliant for maximum compatibility
- IP66 rated
- Digital Wide Dynamic Range



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## Camera

Image sensor	1/2.8" CMOS 2MP
Effective pixels	1920 x 1080
Lens	f=4.7 ~ 84.6mm
Lens type	Auto focus
Zoom	18x optical
Pan/Tilt	360 degree continuous pan / -10 ~ 190 degree tilt
Min. Illumination	0.1 lux (color) / 0.03 lux (B&W) @ 50 IRE
Electric shutter	1-1/10,000 sec

## Camera Features

Day/Night	Yes, IR cut filter
Wide Dynamic Range	Digital WDR
White balance	Manual, AWB (2700K - 7800K), ATW (2450K - 10,500K)
Gain (AGC)	Auto, Manual
BLC	On/Off
Privacy mask	Yes
Motion detection	Yes
Pan/Tilt Speed	5 ~ 400 degrees/sec
PTZ features	256 presets, preset, pattern, tour, autoscan, auto flip

## Video

Compression	H.264, MJPEG
Resolutions	1920x1080, 1280x1024, 1280x720, 800x600, 720x480, 640x480, 352x240
Frame rate (max)	Up to 30 fps @ all resolutions
Video streams	Quad streaming

## Audio

Audio Compression	G.726, G711
Audio In/Out	1 IN/1 OUT

## Network

Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
ONVIF	Profile-S
Maximum user access	20 clients
Bandwidth control	QoS
Camera set-up program	Device Search
Plug-In	Active X
Alarm recording	FTP, email, MicroSD card

## Interface

Ethernet connectors	10 Base-T/100 Base-TX, RJ45 connector
Digital In/Out	4 in/2 out
SD card slot	MicroSD/SDHC

## General

Dimensions	11.1 inch (H) x 7.5 inch (Diameter) (282.1mm x 192mm)
Weight	5.11 lbs (2.32 kg)
Power Requirements	24VAC
Power consumption	65W max
Operation temperature	-40°F to 122°F (-40°C to 50°C)
Operation humidity	~ 90%
Approvals	FCC
Environmental	IP66
Warranty	2 years

## System Requirements

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

## Accessories

Included	Security torx tool, waterproof gasket, lubricant, CD-ROM, Security screws, quick start guide
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## Included Accessories

- Security torx tool
- CD-ROM
- Waterproof gasket
- Security screws
- Lubricant
- Quick start guide

## Optional Accessories

Accessory Type	Part Number	Description	Photo
Wall mount bracket	JK-510W	7.25" wall mount arm	
Wall mount bracket	JK-510WL	13.5" wall mount arm	
Corner mount plate	JK-510C	Corner mount	
Pendant pipe	JK-510P25	25cm pendant pipe	
Pendant pipe	JK-510P50	50cm pendant pipe	
Adapter	JK-510PA25	1 1/4" threaded adapter	
Adapter	JK-510PA50	1 1/2" threaded adapter	
Pole mount	JK-510PML	Straps included	