



# IKS-WP8203R

20x Optical Zoom  
3MP Outdoor IP PTZ

## Rugged Outdoor PTZ with 3MP Resolution

The Toshiba IKS-WP8203R is an exceptionally rugged 3MP PTZ IP camera designed for outdoor applications. Features such as True Day/Night, Digital WDR, 20x optical zoom and pattern tour provide full coverage for any large outdoor area, including parking lots or street views. ONVIF and PoE+ ensures compatibility with virtually any system.

- 20x optical zoom
- 3MP at 30fps video captures crisp images even at high speeds
- Integrated heater
- True Day/Night
- ONVIF compliant for maximum compatibility
- IP66 rated
- Digital Wide Dynamic Range
- Defog function



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20x Optical Zoom 3MP Outdoor PTZ

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## Camera

|                          |   |
|--------------------------|---|
| <b>Image sensor</b>      | 1/2.8" CMOS 3MP                             |
| <b>Effective pixels</b>  | 2048 x 1536                                 |
| <b>Lens</b>              | f=4.7 ~ 94 mm, F1.6 to F3.5                 |
| <b>Lens type</b>         | Auto focus                                  |
| <b>Zoom</b>              | 20x optical                                 |
| <b>Pan/Tilt</b>          | 360° continuous pan<br>-10° ~ 190° tilt     |
| <b>Angle of View</b>     | 4° (wide) to 55.8° (tele) horizontal        |
| <b>Min. illumination</b> | 0.05 lux (color) / 0.01 lux (B&W)<br>@ F1.6 |
| <b>Electric shutter</b>  | 1-1/10,000 sec                              |

## Camera Features

|                           |   |
|---------------------------|---|
| <b>Day/Night</b>          | Yes, IR cut filter  |
| <b>Wide Dynamic Range</b> | Digital WDR   |
| <b>White balance</b>      | Auto, Indoor, Outdoor, ATW, Manual                        |
| <b>Gain (AGC)</b>         | Auto, Manual  |
| <b>BLC</b>                | On/Off  |
| <b>Privacy mask</b>       | 16 zones  |
| <b>Defog</b>              | Yes   |
| <b>Motion detection</b>   | 4 zones   |
| <b>Pan/Tilt speed</b>     | 5 ~ 400° /sec   |
| <b>PTZ features</b>       | 256 presets, preset, pattern<br>tour, autoscan, auto flip |

## Video

|                         |   |
|-------------------------|---|
| <b>Compression</b>      | H.264, MJPEG  |
| <b>Resolutions</b>      | 2048x1536, 1920x1080, 1280x1024,<br>1280x720, 1024x768, 800x600,<br>720x480, 640x480, 352x288 |
| <b>Frame rate (max)</b> | Up to 30 fps @ all resolutions,<br>60 fps @ 1080p   |
| <b>Video streams</b>    | Quad streaming  |

## Audio

|                          |             |
|--------------------------|-------------|
| <b>Audio compression</b> | G.726, G711 |
| <b>Audio In/Out</b>      | 1 IN/1 OUT  |

## Network

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

## Interface

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

## General

|                              |  |
|------------------------------|--|
| <b>Dimensions</b>            | 11.1 inch (H) x 7.5 inch (Diameter)<br>(282.1mm x 191.9mm) |
| <b>Weight</b>                | 5.11 lbs (2.3 kg)  |
| <b>Power requirements</b>    | 24VAC, 802.3at PoE+  |
| <b>Power consumption</b>     | 59W max (w/heater)   |
| <b>Operation temperature</b> | -40°F to 122°F (-40°C to 50°C)                             |
| <b>Operation humidity</b>    | ~ 90%  |
| <b>Approvals</b>             | FCC, CE, RoHS  |
| <b>Environmental</b>         | IP66   |
| <b>Warranty</b>              | 2 years  |

## System Requirements

|                            |   |
|----------------------------|---|
| <b>Web browser support</b> | Internet Explorer® Ver. 8.0 or later                    |
| <b>Supported OS</b>        | Windows® XP, Vista® Business,<br>Windows 7 professional |

## Accessories

|                 |  |
|-----------------|--|
| <b>Included</b> | Security torx tool, waterproof gasket,<br>lubricant, CD-ROM, security screws,<br>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     | JK-510W     | 7.25" wall mount arm                           |    |
| Wall mount     | JK-510WL    | 13.5" wall mount arm                           |    |
| Corner mount   | JK-510C     | Corner mount (JK-510W or JK-510WL required)    |    |
| Pendant mount  | JK-510P25   | 25cm pendant pipe                              |   |
| Pendant mount  | 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 (JK-510W or JK-510WL required) |  |