



IK-WR05A

Wide Angle Outdoor IP Mini-Dome Camera

Rugged outdoor solution with 110° viewing angle

The IK-WR05A IP camera has a wide angle, pre-focused lens and IR LEDs, making it ideal for outdoor wide area surveillance. With a 110° viewing angle, 1080p HD resolution and IR LEDs, it can handle almost all outdoor surveillance requirements. IP66 rated housing and small form factor make it environmentally and visually appealing.

- 110° horizontal viewing angle
- 1080p HD video image capture
- True Day/Night with IR LEDs
- Pre-focused lens for objects at close range up to infinity
- ONVIF for maximum compatibility
- Power over Ethernet (802.3af)
- MicroSD card for edge recording
- IP66 rated housing



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Camera

Image sensor	1/2.7" progressive scan CMOS 2MP
Effective pixels	1920 x 1080
Lens	Fixed f=2.8mm, F=2.0
Lens type	Fixed Iris
Zoom	4x digital
Angle of View	110° horizontal, 81.5° vertical
Min. Illumination	0.5 lux (Color), 0.001 lux (B/W)
IR illuminators	15m range
Electric shutter	1/5-1/32,000

Camera Features

Day/Night	Yes, mechanical
Wide Dynamic Range	Yes
White balance	AWB (2800K to 10,000K)
Gain (AGC)	Auto
BLC	Yes
Privacy mask	Yes
Motion detection	Yes

Video

Compression	H.264, MPEG4, MJPEG
Resolutions	1920x1080, 1280x1024, 1280x720, 1024x768, 640x480, 320x240
Frame rate (max) ¹	Up to 30 fps @ 1920x1080
Video streams	4 simultaneous

Toshiba 110° wide angle lens*



Standard 93° angle lens*



* Simulated images

Network

Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X and UDP
ONVIF	Yes, Profile S and ver. 1.02
Maximum user access	10 clients
Security	Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authentication
Basic authentication	Yes (Windows standard)
Bandwidth control	QoS, CoS
Camera set-up program	Installation Wizard
Plug-In	Active X
Alarm recording	FTP, email, MicroSD card, HTTP, samba

Interface

Ethernet connectors	10 Base-T/100 Base-TX, RJ45 connector
Digital In/Out	1 IN / 1 OUT
SD card slot	Micro SD/SDHC, max 32GB

General

Dimensions	3.7 inch (H) x 5.24 inch (Diameter) (94mm x 133mm)
Weight	1.1 lbs (500g)
Power requirements	802.3af PoE, 12V DC
Power consumption	3.84W max
Operation temp ²	-4°F to 122°F (-20°C to 50°C)
Operation humidity	~ 90%
OS	Linux 2.6
Approvals	FCC Class B, IC (ICES-003) UL 60950-1, cUL
Vandal resistance	IK10
Outdoor rating	IP66
Warranty	Two years parts and labor

System Requirements

Web browser support	Internet Explorer® Ver. 8.0
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.
2. For temperatures below 14°F (-10°C) allow the camera to power on for 1 hour.

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Included Accessories

- Video out cable
- CD-ROM
- Alignment sticker
- Clamp filter
- Screws and anchors
- RJ45 female-to-female coupler



Optional Accessories

Accessory Type	Part Number	Description	Photo
Wall mount	JK-WM04	Wall mount	