



IK-WD14A

IP Dome Camera with
1080p HD Resolution

Simple to install, ideal for indoor applications

With remote zoom and One Touch auto focus, the IK-WD14A makes for faster installation and easier setup. H.264 compression, full 1080p HD video ensures high definition, low bandwidth streaming while advanced SRLED illuminators and wide dynamic range meets various demanding lighting applications. ONVIF compliant for plug and play compatibility with NVRs.

- Full HD 1080p streaming resolution (1920 x 1080) @ 30 fps
- H.264/MPEG4/JPEG quad streaming compression maintains low network bandwidth and maximum versatility
- Wide dynamic range for challenging lighting environments
- Advanced SRLED IR illuminators
- Remote zoom and One-Touch remote focus
- ONVIF compliant
- Day/night imaging
- Simple installation and deployment
- Two year warranty



IK-WD14A

High-Definition Indoor Dome Camera

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Camera

Image sensor	1/2.7" progressive scan CMOS 2MP
Effective pixels	1920 x 1080
Lens	Vari-focal f=3mm to 9mm F=1.2 (wide), F=2.1 (tele)
Lens type	Remote zoom, remote focus
Zoom	3x optical, 4x digital
Angle of View	32°- 93° horizontal, 24°-68° vertical
Min. Illumination	0.04 lux/F1.2 (Night mode, LED-OFF, Gain 100%, 1/30 sec), 0 lux w/IR on
IR illuminators	SRLED *3, 20m range
Electric shutter	1/5-1/40,000

Camera Features

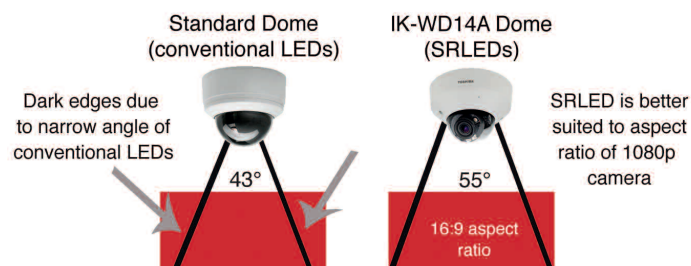
Day/Night	Yes, IR cut filter
Wide Dynamic Range	Yes
White balance	AWB
Gain (AGC)	Auto
BLC	Yes
Flickerless	Yes, 50/60 Hz selectable
Privacy mask	Yes
Tamper detection	Yes
Motion detection	Yes

Video

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

Audio

Audio Compression	AAC, GSM, G.711
Audio In/Out *2	MIC In (plug-in power 3.3V, 200kΩ) / LINE OUT (1 Vrms)



Network

Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X
ONVIF	Yes, 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, SD card

Interface

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

General

Dimensions	6.3 inch (H) x 4.3 inch (Diameter) (160mm x 109mm)
Weight	1.83 lbs (830g)
Power Requirements	12V DC ± 10 %, 24V AC ± 10 % 60Hz, 802.3af class 3 PoE
Power consumption	12V DC / 0.5 A, 24V AC / 0.5A
Operation temperature	32°F to 122°F (-10°C to 50°C)
Operation humidity	~ 90%
OS	Linux
Approvals	FCC Class A, IC Class A, UL 60950-1, CSA C22.2 No. 60950-1

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.

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

*3: SRLED is Single Reflection LED