



- IP66-rated all-weather housing to withstand extreme temperatures, rain and snow
- Tamper and vandal resistant
- IR LEDs provide 0.0 lux minimum illumination
- 2 MP resolution (1600 x 1200) to capture outdoor spaces with fewer cameras
- Dual MPEG4/MJPEG streaming video
- Power over Ethernet (PoE, 802.3af)
- True day/night IR cut filter
- Vari-focal lens with 3x optical zoom
- Built-in SD card slot (SD/SDHC)
- Ships ready to install
- Backed by 2-year warranty



# IK-WB80A

## ALL-WEATHER IP BULLET CAMERA

### IMAGING

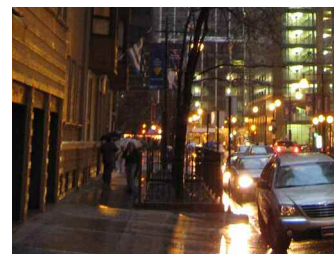
Image Sensor	1/3.2-inch CMOS
Effective Picture Element	1600 x 1200
Scanning System	Progressive
Vari-Focal Lens	f=3.0mm to 9.0mm, F=1.2 to 2.1
Angle of view	H: 34° to 99° , V: 25° to 73°
Focus system	Manual
Image compression format	JPEG, MPEG4 (dual codec)
Minimum illumination	0.00 lux with IR, 0.04 lux without IR
White balance	AWB (2800°K to 10000° K)
Gain AGC	Auto (max gain 2x, 4x, 8x)
BLC	Yes (center zone)
Flickerless	Yes, 50Hz/60Hz selectable
Electronic shutter	1/5 to 1/40,000 sec
Privacy mask	Yes (max 5 windows)
Tamper detection	Yes
Motion detection	Yes
Zoom	3x optical, 4x digital
ePTZ	Yes
Day/night	Removable IR-cut filter

### NETWORKING

Support-protocol	TCP/ IP, HTTP, HTTPs, UPnP, SNMP RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE
Internet protocol	IPv4, IPv6
Camera setup program	Installation Wizard
MPEG4/M-JPEG	Simultaneous four streamings
Bandwidth control	QoS, CoS
Image sizes	1600 x 1200, 1280 x 960, 800 x 600, 640 x 480, 320 x 240, 176 x 144
Frames per second (fps)	SVGA: 30 fps (MPEG4, M-JPEG) UXGA: 10 fps (MPEG4) UXGA: 15 fps (M-JPEG)
Security	Multi level ID/Password, IP address filtering, HTTPS, 802.1x port-based authentication
DDNS	no-ip.com changelP.com
Audio I/O	MIC IN / LINE OUT 2-way audio
Multi-cast/Uni-cast	Yes
Alarm recording	email, FTP, SD, HTTP and samba
Recording in client PC	Yes (MP4)
Recording to SD Card	Yes (SD, SDHC)
Export/upload function	Yes
E-mail, FTP	Yes
Daylight savings	Yes

### INTERFACE

Ethernet Connectors	10 Base-T/100 Base-Tx RJ-45
Audio in/out terminal	Yes (Mic In / Line out)
Digital input/output	in x 1, out x 1
Web browser	Internet Explorer® V8.0 or later
Operating System	MS Windows® XP, Vista, 7
RS485	Pelco-D protocol support



Compact and stylish in appearance, extremely robust, light-weight and designed for easy installation, the IK-WB80A is loaded with features that make it the ideal bullet camera for all day, all night 24-hour outdoor surveillance.

### ENVIRONMENT

IP standard	IP66 weatherproof housing
Temperature range	-4° F to 122° F (-20° C to 50° C)
Humidity of operation	20 to 90%

### MECHANICAL

Dimensions	3.27" (ø) x 8.82" (L)
Weight	3.52 lbs (1600g)
IR illuminators	Effective up to 25 meters
Power requirements	DC 12V±10%, AC 24±10%, PoE
Power consumption	14.4W max
ROHS	Compliant
Standards	FCC/A and B, IC (ICES-003), UL60950-1, CSA C22.2

**INCLUDED ACCESSORIES** AC adaptor, CD-ROM manual, QSG and safety precautions, warranty, sun shield kit, wall mount plate, wall mount bracket kit, waterproof connector (2), screws and anchors kit, wrench, alignment sticker, silica gel