

Y-CAM[®] KNIGHT^{SD}



"It's sturdily built, sensibly priced and installation really couldn't be much easier."
Security Installer Magazine

"It's well built, stylish, easy to use, and comes in at a great price."
Trustedreviews.com

"Not only is it flippin' gorgeous and built like a brick house, but it's also packed with features and extremely easy to set up - something rival camera manufacturers should notice."
CNET.co.uk Expert Tech Reviews



★★★★★
Awarded 5 Stars



- Wireless IP video camera
- Infrared night vision up to 15m
- MicroSD card slot for direct recording
- Live mobile phone streaming with audio
- Motion recording & alerts via email and FTP
- Fully compatible with PC & Mac Systems
- All-in-one CCTV & DVR Security Solution

VIEW YOUR WORLD
FROM **ANYWHERE...**
ANYTIME!



Mobile enabled



Day & Night

Features

Quick and simple setup

Due to the unique way the Y-cam has been designed, you no longer have to be "tech-savvy" to install and use IP Video Cameras. There is no need to install a software driver, and the user-friendly installation procedure will guide you through the setup procedure so you can get on and monitor your camera feed whenever and from wherever you wish. The camera can be placed either on a desktop or wall mounted.

Infrared night vision

With 30 infrared LEDs the camera can be viewed in total darkness up to a range of 15m.

High quality video with audio

Y-cam produces high quality video (maximum frame rate of 30fps and displayed up to 640x480 resolution).

Monitor and record live video and audio

You can view live video with sound from virtually anywhere in the world as long as you have a computer and Internet connection. With the simple push of a button, you can take snapshots and record video onto your computer's hard drive (no need for expensive DVR recording units).

Record video or motion alerts to microSD card

Using the built-in microSD card slot, the Y-cam Knight SD no longer needs to be connected to a network or the internet to store streaming video or motion alerts. Use the camera anywhere, even remote locations, and store video straight to microSD card, which is then viewable in your mobile phone, or with most video software.

Motion recording and alerts via email and FTP

Y-cam has built-in functions that can record motion and generate alarm triggers via email and uploading images straight to a website. Up to four independent schedules can be set.

MPEG-4 and Motion JPEG Compression

Simultaneous MPEG-4 and Motion JPEG streams allow systems to be optimised for both image quality and bandwidth.

Mobile Viewing

With support for MJPEG and 3GPP the camera provides a live view for multiple platforms, including Apple Macs, and mobile devices including the iPhone and Blackberry. The Y-cam's live stream can be viewed using any mobile phone that can play VLC-compatible streams, such as Quicktime and RealPlayer.

Apple Macintosh compatibility

The Y-cam SD is now fully compatible with the Apple Macintosh and its associated devices. Mac users can now view live video with audio (using QuickTime), control the motion detection settings within a browser (using Adobe Flash), take snapshots & record video footage locally using QuickTime Pro (purchased seperately).

Secured wireless connectivity

Freedom to place the camera where required. With wireless wi-fi built-in (802.11b/g), Y-cam also supports WEP, WPA, WPA2.

Advanced features

- ✓ 3 video streams (a primary stream, a secondary stream and a 3GPP mobile stream) which can all be configured separately.
- ✓ Mobile stream includes audio (AMR).
- ✓ Upload motion images to multiple FTP and e-mail servers.
- ✓ Buffer management (Buffering of pre and post alarm images at a specified frame rate and for a specified time).
- ✓ Multi browser and multi mobile phone support.
- ✓ MicroSD card slot for direct recording - no network connectivity required to record motion or video.

Other models available

Y-cam Shell (Outdoor housing)

Y-cam White SD

Y-cam Black SD



All Y-cams can integrate with numerous multi-camera recording software and storage solutions. Please visit our website for more information.

Authorised reseller

Technical Specifications

Camera : Image device 1/4" CMOS. Pixels 310,000. **White balance** Auto. **Exposure mode** Auto. **Gain** Auto. **Viewing angle** Horizontal: 60°, Vertical: 45.0°. **Focal length** f=3.6mm. **Aperture** F2.0. **Min. Illumination** 1.0 Lux normal mode, 0 lux night vision mode. **Infrared night vision** 30 IR LEDs (auto/manual). **SD Slot** MicroSD card (16MB-8GB). **Night vision distance** 12m - 15m.

Network : Image compression MPEG-4, Motion JPEG. **Image resolution** 640x480 (VGA), 320x240 (QVGA), 160x120 (QQVGA). **Max. frame rate** 30fps @640x480. **Audio compression** G.726 (16 to 40Kbps), AMR (4.75 to 12.2Kbps). **Built-in microphone** Electret Condenser Microphone. **Simultaneous viewers** 16. **Authentication** ID/Password, Administrator/General User (Up to 64). **Network protocols** TCP, UDP, IP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP, NTP, PPPoE, UPnP, DDNS, UPnP (Automatic discovery and configuration). **Stream type** RTSP/RTP/RTCP, 3GPP, ASF. **Network connection** Ethernet (10BASE-T/100BASE-TX). **Wireless LAN :** **Wireless technology** IEEE802.11b/g. **Frequency** 2.412-2.462GHz. **Transmission speed** 54Mbps/22Mbps/11Mbps/5.5Mbps/2Mbps/1Mbps (Auto Switch). **Security** WEP (64/128 bit), WPA-PSK (AES/TKIP), WPA2-PSK (AES/TKIP).

General : **Power requirements** DC 5V. **Power consumption** 3.75W. **Operating temperature** -5 to +45 °C (+22 to +113 °F). **Storage temperature** -20 to +60 °C (-4 to +140 °F). **Operating humidity** 20~80%RH (Non-condensing). **Storage humidity** 20~95%RH (Non-condensing). **Dimensions (W x D x H)** 85mm x 85mm x 30mm. **Weight** 200g (Main Body without microSD card). **Supplied accessories** AC adaptor (x1), CD-ROM (x1 setup program and user manual), Stand (x1).

Minimum PC system requirements : **Operating system** Windows 2000/XP/Vista/Windows 7. **Processor** Intel Pentium III, 1GHz or Higher. **Memory** 256MB RAM Minimum. **Web browser** Microsoft Internet Explorer Version 5.5, or later, Mozilla Firefox, Google Chrome and most other browsers.

Minimum Mac system requirements : **Operating system** Mac OSX 10.4 Tiger. **Processor** 800MHz - PowerPC G4 or Intel. **Memory** 128Mb RAM (256Mb or higher recommended). **Web browser** Safari, Mozilla Firefox, Google Chrome and most other browsers

Viewing system requirements : **Browsers** Microsoft Internet Explorer version 5.5 or later, Mozilla Firefox, Google Chrome, Safari & most other browsers. **Mobile Phone** Mobile phone with 3GPP player, VLC, Real Player, Quick Time, and most other VLC players. Y-cam mobile live Images can be viewed via most Internet enabled mobile phones.



For more information about Y-cam visit **Web:** www.y-cam.com **Tel:** +44 (0) 845 5000 247 **email:** info@y-cam.com

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