Product Name: Y-cam Knight SD Wireless IP Camera
Manufacturer: -
Model Number: YCK003

Y-cam Knight SD Wireless IP Camera

The Y-cam Knight SD Wireless IP Camera operates independently, without the need to be connected to a computer.
Providing high quality full colour video with audio, see and hear, in real time, from anywhere in the world, via any internet-enabled computer or phone.
Using built-in movement sensors, the camera can instantly email you or upload snapshots, or video, to a website if motion is detected, or save footage to a microSD card.
The Y-cam Knight SD Wireless IP Camera is a versatile solution for home or business security, and can even operate outdoors using a Y-cam Shell.Y-cam Knight SD Wireless IP Camera Features:

• *Infrared Night Vision
• Quick and simple setup
• High quality video with sound
• Motion detection alerts via email
• Monitor and record live video and audio from anywhere
• Record video or motion alerts to microSD card for local backup
• Full Macintosh and Linux compatibility
• MPEG-4 compression for reduced bandwidth and storage
• Mobile Viewing/Multi-client access and password protection
• Secured wireless connectivity/Compact design

Y-cam Knight SD Wireless IP Camera Features
*Infrared Night VisionThe Y-cam Knight SD utilises 30 infrared LEDs to provide high levels of "invisible" light in dark environments. The intelligent photosensitive components can automatically turn on the LEDs in low light conditions or the user can select "moonlight view" which superimposes frames together to increase brightness (frame integration).
Quick and simple setupDue 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. The user-friendly installation procedure and intuitive web-based interface allows you to easily connect to your camera whenever and from wherever you wish.
High quality video with soundThe Y-cam produces video at a maximum frame rate of 30fps displayed at up to 640×480 resolution, therefore allowing clear and smooth images to be viewed. The frame rate automatically adjusts to the available bandwidth.
Motion detection alerts via emailThe Y-cam comes with useful alarm tools that will keep you notified if any motion is detected. It has built-in functions that can generate alarm triggers via email and by uploading images straight to a website. Unlike conventional activity detection, the Y-cam uses vector information to detect motion, therefore achieving better reliability against false alarms.
Monitor and record live video and audio from anywhereYou can view live video with sound from virtually anywhere in the world as long as you have a computer, a web browser and an internet connection. With the simple push of a button, you can take snapshots and record video directly onto your computer's hard drive.
Record video or motion alerts to microSD card for local backupUsing 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 via connection to a TV or PC.
Full Macintosh and Linux compatibilityThe 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 from the live feed, and also record footage locally using QuickTime Pro.

MPEG-4 compression for reduced bandwidth and storageUnlike many cheaper models in the market, the Y-cam utilises the MPEG-4 compression format. This is a valuable chipset that achieves high compression ratios, allowing smooth moving images to be streamed over lower bandwidth connections.

Mobile ViewingWith 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.

Multi-client access and password protectionThe Y-cam supports up to 16 simultaneous remote users. This allows easy and efficient video conferencing with minimum setup. Password protection also ensures no one able to access the cameras without authorisation.

Secured wireless connectivityThe Y-cam can connect directly to a network or the Internet, either over Wireless (802.11b/g) networking, or over 10/100 with the supplied network cable. The Y-cam utilises encryption methods such as WEP, and even the more powerful WPA and WPA2, so you can be sure your camera will only be accessed by authorised users.

Compact designThe Y-cam Knight SD can be wall-mounted, ceiling-mounted or placed on a flat surface using the supplied camera stand. Fully compatible with the Y-cam Shell external enclosure for outdoor use.

Power Supply 5 volts

Quick Start Guide

Setup CD-ROM

User Manual

Camera Stand White

Network Cable

Camera

• Image device 1/4″ CMOS
• Pixels 310,000
• White Balance Auto
• Exposure mode Auto
• Gain Auto
• Viewing angle Horizontal: 60°, Vertical: 45°
• Focal length f=3.6mm
• Aperture F2.0mm
• Min.Illumination 1.0 Lux (0 Lux in IR mode)
• Infrared Night Vision IR LEDs x 30 (Auto/Manual)
• Night Vision Distance* 12-15m
• SD Slot microSD card (16MB-8GB)

Network

- Image compression MPEG-4, MJPEG
- Image resolution 640×480(VGA), 320×240(QVGA), 160×120(QQVGA)
- Max. frame rate 30fps @640×480
- Audio compression G.726 (40/32/24/16Kbps)
- 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, 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, WPA2

General

- Power requirements DC 5V
- Power consumption 3.75W
- Operating temperature -5 to +45 °C (+23 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 (WxDxH) 85mm x 85mm x 30mm
- Weight 150g (Main Body)
- Package Contents Y-Cam Knight SD (x1), AC adaptor (x1), Network Cable (x1), Setup CD-ROM (x1), Quick Start Guide (x1), Stand (x1)

PC system minimum requirements

- Operating system Windows 2000/XP/Vista/Windows 7/Windows 7
- Processor Intel Pentium III, 800MHz or Higher
- Memory 128MB RAM Minimum
- Web browser Most browsers supported. Internet Explorer 5.5 or higher, Mozilla Firefox, Safari, Chrome.

Mac system minimum 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, Chrome. Most browsers supported * The breadth of IR range can vary dependent on the environment in which it is placed. When used outdoors in conjunction with the Y-cam Shell, greater dispersion and lower levels of reflected IR light from nearby surfaces, will result in a reduced range compared with typical indoor operation. If you require coverage of a wider and longer field of view outdoors, or indoors, Y-cam recommends the use of separate IR illuminators or floods to light the required scene. Y-cam cameras are compatible with all IR illuminators as the Y-cam cameras can 'see' the full spectrum of IR light frequencies.

Price: £165.00