

# Y-CAM<sup>®</sup> Black S



Connect Wirelessly



Secure Connection

PC/Mac

Compatible



Mobile Enabled



Email Alerts



Motion Detection



Night Vision

View your world from anywhere ... anytime

# Y-CAM<sup>®</sup> Black S

Easy to install, simple to operate, the high-performance Y-cam Black S camera operates independently, without the need to be connected to a computer.

View and hear, in real time, from anywhere in the world, via any internet-enabled computer or phone, in full colour and with infrared nightvision.

Using built-in movement sensors, the camera can instantly email you or upload snapshots, or video, to a website if motion is detected.

The Y-cam Black S is the perfect continuous surveillance solution for home or business security, and can even operate outdoors using a Y-cam Shell.

## Special Features of this Model

### Infrared Night Vision



The Y-cam Black S 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.

## Standard Y-cam Features

### Mobile Viewing



With support for MJPEG and 3GPP the camera provides a live view for multiple platforms, including mobile devices such as 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.

### Wireless connectivity



Freedom to place the camera where required. With wireless wi-fi built-in (802.11b/g) connect to your camera from your wireless enabled computer, meaning there's no need for wires running around your property. Y-cam also supports WEP, WPA, WPA2 for total connection security.

### Email and FTP alerts



The Y-cam comes with useful alarm tools that will keep you notified if any motion is detected. It has built-in functions that can automatically send an email to you, or upload the video or images straight to a FTP server, meaning that your data will be safely stored offsite.

### Fully PC and Mac Compatible

PC/Mac

Y-cam is fully compatible with both PC and Apple Macintosh computers, as well as with multiple web browsers. Users can view live video with audio, control the motion detection settings, take snapshots from the live feed, and record footage locally, from any browser on any computer.

### Motion Detection



If the Y-cam detects movement in its field of vision, it can automatically send an e-mail alert notifying the owner that motion has been detected, with an attached image of the scene. Unlike conventional activity detection, the Y-cam uses vector information to detect motion, therefore achieving better reliability against false alarms.

### Secure Connection



Make sure your camera is secure using the Y-cams secure password authentication. Connect your camera to the internet or only on your local network, via network cable or WiFi, using powerful encryption methods such as WEP, WPA and WPA2, allowing you to be sure your cameras are only accessed by authorised users.

## Specifications & Requirements

**Product Code**  
YCB004

**EAN Number**  
5060158900190

**Camera**  
Image device - 1/4" CMOS  
Pixels - 310,000  
White Balance, Exposure, Gain - Auto  
Viewing angle - Horizontal: 60°, Vertical: 45°  
Focal length - f=3.6mm  
Aperture - F2.0  
Min illumination - 1.0 Lux (0 Lux in night vision mode)  
Infrared LED - 30  
Night Vision Distance\* - 12-15m  
Image compression - MPEG-4, MJPEG  
Max frame rate - 30fps @ 640x480  
Audio compression - AMR (4.75-12.2Kbps), G.726 (40/32/24/16Kbps)  
Built-in microphone - Yes

**Network**  
Authentication - 2 levels, up to 64 users, 16 simultaneous  
Network protocols - TCP,UDP,IP,ARP,ICMP,DHCP,DNS,HTTP,FTP,SMTP,NTP,PPPoE,UjnPn,DDNS  
Stream type - HTTP, 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 - Auto Switch up to 54Mbps  
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 - 150g (Main Body)  
Supplied accessories - AC Adaptor (x1), Quick Start Guide (x1), CD-ROM inc. Setup Software & User Manual (x1), Stand (x1), Network Cable (x1)

**Minimum PC System Requirements**  
Operating system - Windows 2000/XP/Vista/Windows 7  
Processor - Intel Pentium III, 1GHz  
Memory - 256Mb RAM

**Minimum Mac System Requirements**  
Operating system - Mac OSX 10.4 (Tiger)  
Processor - 800MHz - PowerPC G4 or Intel  
Memory - 128Mb RAM (256Mb recommended)

**Viewing System Requirements**  
Web Browser Setup/Viewing - Microsoft Internet Explorer version 5.5 or later, Mozilla Firefox, Google Chrome, Safari & most other browsers.  
Mobile Phone Viewing - 3GPP player, VLC, Real Player, QuickTime and most other VLC players.  
Y-cam Mobile Live Images feed can be viewed via most internet enabled devices.

**Other Requirements**  
Broadband connection with at least 128kb/s upload recommended for Internet viewing.  
This Y-cam is for indoor use only (unless used with the Y-cam Shell external housing unit).

## Compatible Systems



## Compatible With



Y-CAM<sup>®</sup> Shell Black



Y-CAM<sup>®</sup> Shell White

## Other Y-cam Products



Y-CAM<sup>®</sup> Bullet



Y-CAM<sup>®</sup> Knight S



Y-CAM<sup>®</sup> White S