

## Overview & features

# Professional security straight out of the box

Small and sleek, the Y-cam Cube offers exceptional video quality and audio representation whilst blending harmoniously into its surroundings, whether at home or in the office. Offering powerful, market-leading night vision, enhanced by automatic IR cut-filter operation, it provides uncompromising colour and picture quality, day or night.

Utilising advanced H.264 technology, the Y-cam Cube uses minimal bandwidth and storage requirements. With smooth real-time video and audio streaming, it can be viewed via any internet-enabled computer, or phone, from anywhere in the world.

The Y-cam Cube is compatible with PC, Mac, web browsers and a multitude of recording possibilities, including an on-camera microSD slot. Equipped with intuitive motion detection, the camera can instantly store footage and send email alerts, providing ultimate control, and the power to protect from wherever you are.



Actual size

### High quality video and audio

HQ

See and hear exactly what the Y-cam Cube does, from anywhere, with the camera's professional quality images and audio. With the highest quality optical lens, CMOS sensor, video processor and microphone, you can experience outstanding 720p HD, 1080p HD or VGA video at full resolution.

### Up to Wi-Fi N compatible

Wi-Fi

Wi-Fi N provides faster and wider connectivity ensuring support for smooth video streaming, even at high-definition resolutions.

### 24 hour protection with infrared

IR

Experience 24/7 security with automatic IR cut-filter for uncompromising picture quality and 28 instant activating high powered infrared LED lights that give crisp night time images, even in pitch black, for ultimate security through day and night.

### H.264 compression

H.264

The latest H.264 compression technology minimises internet bandwidth usage and optimises storage capacity, offering as much as ten times the efficiency over other cameras and saving valuable storage space and broadband bandwidth, especially when using HD.

### Motion detection & alarms

Motion

Easy to configure motion windows, set through the camera user interface, offer total control. The intuitive system is also able to send email notification, alerts and snapshots to any email account, alerting users to all detected motion, no matter where they may be.

### Recording to microSD

microSD

Capture every moment, even in outstanding HD, directly to the Y-cam Cube. Have the ability to store up to 64GB of data directly on the camera with the built-in microSD memory card slot. No need for a computer, a recording device or even an internet connection, the Cube can work entirely on its own, in any situation.

### Ultimate security encryption

Encryption

The camera makes use of the latest encryption technology including WEP, WPA and WPA2, for ultimate control and security.

### Advanced compatibility

Compatibility

The Y-cam Cube works with PC, Mac and multiple browsers, plus flexible recording options, including microSD and NAS recording. The Y-cam Cube is also compatible with Y-cam MultiLive, in addition to a large number of 3rd party applications and recording systems.

### Direct iOS & Android viewing

iOS/Android

No need for fussy additional apps; the Y-cam Cube allows users to experience live high quality video, and crisp audio (iOS only), from wherever they are straight to any Apple iPhone or iPad, or any Android-based tablet or smartphone, including Kindle.

### Power-over-Ethernet extendable

PoE

Offering heightened flexibility, the Y-cam Cube can connect to a simple plug-in PoE Dongle allowing users to switch between Wi-Fi and PoE, optimising installation possibilities. Perfect for installers and users that wish for a convertible and flexible solution.

## Range specifications

### Y-cam Cube

<b>Y-cam Cube (Black):</b>	<b>YCB005</b>
<b>Y-cam Cube (White):</b>	<b>YCW005</b>
<b>Type:</b>	VGA
<b>Image device:</b>	1/4" CMOS
<b>Pixels:</b>	310,000
<b>Image resolutions:</b>	640x480 (VGA), 320x240 (QVGA), 160x120 (QQVGA)

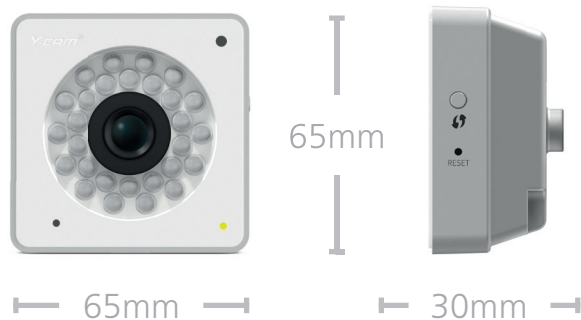
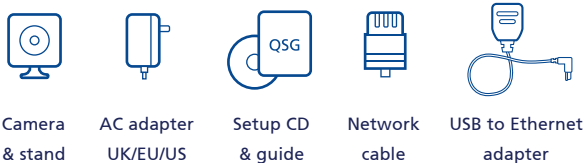
### Y-cam Cube HD 720

<b>Y-cam Cube HD 720 (Black):</b>	<b>YCBHD5</b>
<b>Y-cam Cube HD 720 (White):</b>	<b>YCWHD5</b>
<b>Type:</b>	High Definition 720p
<b>Image device:</b>	1/4" CMOS, 1 Megapixel
<b>Pixels:</b>	921,600
<b>Image resolutions:</b>	1280x720 (HD720p), 768x432, 512x288, 256x144, 176x144

### Y-cam Cube HD 1080

<b>Y-cam Cube HD 1080 (Black):</b>	<b>YCBHD6</b>
<b>Y-cam Cube HD 1080 (White):</b>	<b>YCWHD6</b>
<b>Type:</b>	High Definition 1080p
<b>Image device:</b>	1/2.7" CMOS, 2 Megapixels
<b>Pixels:</b>	2,073,600
<b>Image resolutions:</b>	1920x1080 (HD1080p), 1280x720 (HD720p), 768x432, 512x288, 256x144, 176x144

### What's in the box



All the cameras in the Y-cam Cube range share the following standard characteristics:

### Camera

<b>Infrared night vision:</b>	Up to 15m with IR cut-filter
<b>White Balance, Exposure, Gain:</b>	Auto
<b>Viewing angle:</b>	H: 62°, V: 34° (VGA models: H: 60°, V: 45°)
<b>Focal length:</b>	f=3.6mm
<b>Aperture:</b>	F2.0
<b>Min. Illumination:</b>	1.0 Lux
<b>Image compression:</b>	H.264, MPEG4, MJPEG
<b>Max. frame rate:</b>	30 FPS
<b>Audio compression:</b>	AAC
<b>Built-in microphone:</b>	Electret Condenser Microphone
<b>MicroSD slot:</b>	Yes, up to 64 Gb
<b>Power:</b>	DC 12V, 3.75W
<b>Operating temperature:</b>	-5 to +45 °C (+22 to +113 °F)
<b>Storage temperature:</b>	-20 to +60 °C (-4 to +140 °F)
<b>Operating humidity:</b>	20-80%RH (Non-condensing)
<b>Storage humidity:</b>	20-95%RH (Non-condensing)
<b>Dimensions (W x H x D):</b>	65mm x 65mm x 30mm
<b>Weight:</b>	80g / 2.8 oz

### Network

<b>Authentications:</b>	ID/Password, Admin/User (Up to 64)
<b>Network protocols:</b>	TCP, UDP, IP, ARP, ICMP, DHCP, DNS, HTTP, FTP, SMTP, NTP, PPPoE, UPnP, DDNS
<b>Stream type:</b>	HTTP, RTSP/RTP/RTCP, 3GPP
<b>Network connection:</b>	10BASE-T/100BASE-TX
<b>Power over Ethernet (POE):</b>	Optional accessory

### Wireless LAN

<b>Wireless technology:</b>	IEEE802.11b/g/n, 2.412-2.462GHz
<b>Transmission speed:</b>	150Mbps/54Mbps/22Mbps/11Mbps/ 5.5Mbps/2Mbps/1Mbps (Auto Switch)
<b>Wireless security:</b>	WEP (64/128 bit), WPA-PSK(AES/TKIP), WPA2-PSK(AES/TKIP)
<b>Wi-Fi Protected Setup (WPS):</b>	Yes

### Minimum system requirements

<b>PC operating system:</b>	Windows XP, Vista, Windows 7, Windows 8
<b>Processor:</b>	Intel Pentium III, 1GHz or Higher
<b>Memory:</b>	256MB RAM Minimum
<b>Mac OS:</b>	Mac OSX 10.4 (Tiger)
<b>Processor:</b>	800MHz - PowerPC G4 or Intel
<b>Memory:</b>	128Mb RAM (256Mb recommended)

### Minimum software requirements

<b>Browser setup &amp; viewing:</b>	Internet Explorer 7, Google Chrome, Firefox 5 and Safari 5 or later.
<b>Mobile phone viewing:</b>	Direct viewing on iOS & Android. Y-cam Mobile live images feed can be viewed via most internet enabled devices.
<b>Operating system:</b>	Microsoft Windows, Mac, Linux
<b>Mobile system:</b>	Apple iOS, Android, BlackBerry, Windows