

Y-CAM^{WiFi} Bullet



The affordable all-in-one professional security solution

Suitable for indoor or outdoor installations, the Y-cam Bullet is a weatherproof network camera which, using infrared lighting & IR cut-filter, gives high quality true day and night pictures for round-the-clock surveillance. Motion alerts to email or FTP, WiFi, Power over Ethernet and on-camera microSD memory card recording gives you a feature rich security solution at an accessible price.



Connect Wirelessly



Micro SD Slot



Secure Connection

PC/Mac

Compatible



Mobile Enabled



Email Alerts



Motion Detection



Weatherproof

PoE

Power Over Ethernet



2 Way Audio



IR Cut Filter



Night Vision

View your world from anywhere ... anytime

Y-CAM[®] Bullet

Easy to install, simple to operate, the high-performance Y-cam Bullet camera operates independently, without the need to be connected to a computer, in full colour and infrared nightvision. View and hear, in real time, from anywhere in the world, via any internet-enabled computer or phone.

If any motion is detected, the camera can instantly email you a snapshot, or record the video to a microSD card.

The Y-cam Bullet also includes professional features designed for industrial and business applications – fully weatherproofed, IR-cut filter for true/day night operation, 2-way audio, PoE, WiFi and includes a sun visor for maximum clarity of vision.

Specifications & Requirements

Camera

Image device - 1/4" CMOS
Pixels - 310,000
White Balance, Exposure, Gain - Auto
Viewing angle - Horizontal:60°, Vertical:45.0°
Focal length - f=3.6mm
Aperture - F2.0
Min illumination - 1.0 Lux (0 Lux in night vision mode)
Infrared LED - 12
Night Vision Distance - 12m
IR Cut Filter - Yes
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 - Electret Condenser Microphone

Network

Authentication - 2 levels, up to 64 users, 16 simultaneous
Network protocols - TCP,UDP,IP,ARP,ICMP,DHCP,DNS,HTTP,FTP,SMTP,NTP,PPPoE,UPnP,DDNS
Stream type - HTTP, RTSP/RTMP/RTCP, 3GPP, ASF
Network connection - Ethernet (10BASE-T/100BASE-TX)
Power over Ethernet (PoE) - 802.3af

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)

External Ports

Audio Output (2 way audio) - Yes
SD slot - microSD card (16Mb - 8Gb)
Digital I/O - 1 input, 1 output

General

Power requirements - DC 12V
Power consumption - 4.5W
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 (D x H) - 70mm x 190mm
Weight - 700g (Main Body)
Supplied accessories - AC Adaptor (x1), Quick Start Guide (x1), CD-ROM inc. Setup Software & User Manual (x1), Stand (x1), Network Cable (x1), Sun Shield (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.
The Y-cam Bullet is designed for indoor or outdoor use and is weatherproof to IP66 standard.

Compatible Systems



Special Features of this Model

Infrared Night Vision



The Y-cam Bullet utilises 12 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.

Infrared Cut Filter



Producing true day and night quality images - Infrared light is filtered during day time operation to produce true colour representation of the image. During night time operation the filter is removed to allow the camera to make full use of its night vision capabilities.

Weatherproof



The Bullet is the first true outdoor camera from Y-cam - its fully waterproof, has shielded cables and seals to ensure smooth operation, and is IP66-rated.

Professional Connectors



The Y-cam Bullet comes complete with Power over Ethernet allowing you to transmit data and power over a single cable, a Digital I/O for systems integration, and 2-way audio* capability (provided by a built-in microphone and audio out connector) allowing you to remotely talk to anyone at your cameras site.

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.

Secure 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, and utilises secure password authentication allowing you to be sure your cameras are only accessed by authorised users.

Record direct to microSD



Using the on-camera microSD card slot, the Y-cam Bullet 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, & store video straight to microSD card, which is then viewable in your mobile phone, via connection to a TV or PC, or view footage directly from the camera over WiFi.

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 safely stored offsite.

PC and Mac Compatible



The Y-cam Bullet is compatible with both PC and Apple Macintosh computers across multiple web browsers. Mac users can 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).

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.