

Low Bandwidth CCTV Security Camera Video Transmitter

The **Camvista** security camera encoder unit provides reliable and quality video transmission over low bandwidth mobile phone networks such as GPRS and 3G/4G even in the poorest network conditions and most remote locations around the Globe

What it is

The **Camvista** Low Bandwidth Transmitter is a general purpose encoder unit that provides a reliable live streaming video feed from virtually any location over the 2.5G – 3/4G mobile phone networks

The **Camvista** transmitter takes video and power inputs and uses **Camvista** low bandwidth real-time streaming technology to compress and transmit live video over low bandwidth networks such as GPRS GSM and 3/4G back to a control room or alarm receiving centre and the **Camvista** online camera management web based online application – Remote Alert

The **Camvista** transmitter has been designed and developed with ease of use, reliability, flexibility and rapid deployment in mind. The small size of the low bandwidth streaming video transmitter unit allows this camera video streaming unit to be deployed in a variety of security camera monitoring solutions giving maximum flexibility for operational use.

How it works

The low bandwidth camera transmitter requires power, video and any data enabled SIM card to work.(GPRS/3G/4G version) Simply attach the analogue or IP network camera(s) and switch the unit on, to start streaming live video in real-time over low bandwidth 2.5G or 3G/4G mobile phone networks - its that simple.

The low bandwidth camera encoder will connect to a server application which should be installed in a central control room/alarm receiving centre or any computer with fixed IP address. Then, by installing the Remote Alert web based viewer application on a PC or mobile phone, you can view live video streaming camera footage – from analogue or IP network security cameras from wherever you are. You can even control PTZ cameras and switch between different quality of video, depending upon network conditions to suite your security camera monitoring operational requirements

Benefits of the Low Bandwidth Transmitter

Camvista's highly efficient H264 based video compression is optimised for very low bandwidths network conditions meaning live video in real-time will be delivered reliably even from the most challenging areas. The system is designed to be 'plug and go', highly reliable and it does not require any specialist SIM cards or expensive airtime contracts. Furthermore, allowing you to control the bandwidth used at any time, means you are in complete control. As with all transmission technologies, seeing is believing so call us for a demonstration on **0845 241 6040**.



Reliable stream technology provides live video from a small encoder ✓

View live video transmitted from remote camera locations to the control room over GPRS/3G mobile phone network ✓

Multi screen view of live video camera feeds ✓

No special static IP SIM cards or airtime contract required ✓

Ease of use – plug and play - increasing speed of set up and accessibility ✓

Connectivity even in the most demanding mobile phone network conditions ✓

3G mobile phone coverage not required for connection ✓

Integrates into CCTV Matrix or IP networks ✓

Fully flexible – deploy to your specific operational requirements ✓

Specifications

Dimensions

Cased: 90mm x 60mm x 44mm

Power

Input Voltage 9-15VDC

Configuration Interface - USB

Max Power Requirement 3.5W

Features *

Compression

Optimised H.264

1 frame over multiple seconds can be configured

Dynamic encoding switching

-Automatic

-Locally

-Remotely

Programmable encoding profiles

Remote Snapshot

Buffering

Remote Telemetry

GPS

Client server architecture

- Resource activity status

- Multiple simultaneous streams

- user management

- stream management

- auto reconnections and

communication management

No special SIM cards required

*Some features are model dependant.

Contact us for more details.

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