



Mobile Surveillance Encoders

Surveillance solutions from BT: **Mobile Surveillance**



Real-time surveillance streaming and Network Video Recording (NVR)

Convert your cameras to wireless with our two- and eight-channel encoding options. The HD IP150 and IP450 encoders combine real-time surveillance streaming and secure edge recording (recording straight on to the camera), delivering video and stereo audio over a range of bearers, including low and variable bandwidth networks.

Not all wireless video solutions are the same

The [Surveillance Solutions from BT](#) Mobile Surveillance platform is a world-class solution for streaming and accessing video over low or variable bandwidth networks and over the EE network (the UK's number one mobile network). Compared to other video encoding technologies, such as H.264 or MPEG, it provides a higher quality, lower latency and more resilient approach to real-time video and audio transmission.

Our encoding options work with leading IP camera brands including Axis and Bosch. With their ability to use Wi-Fi or EE Mobile networks from an inbuilt 4G LTE modem, the HD IP150 and HD IP450 encoders deliver true 'surveillance anywhere' capabilities.

For both encoders, our mobile surveillance platform gives you an exceptional level of control over network utilisation, with the ability to set maximum bandwidth remotely.

The two-channel HD IP150

The HD IP150 is a compact unit combining a two-channel NVR with remote streaming of real-time and archived video, bringing the flexibility of IP cameras and edge recording to the powerful Surveillance Solutions from BT Mobile Surveillance platform.

By combining local recording, remote access and video from IP cameras, the HD IP150 presents the operator with a real-time surveillance picture – and the ability to access enhanced resolution imagery, including real-time and locally archived footage as well as individual frames of interest.

Main features

- Supports two IP cameras with one archiving locally while the other simultaneously streams real-time video
- Ultra-resilient real-time video and audio streaming over low or variable bandwidths (9Kbps to 2Mbps)
- Local NVR recording in H.264 format to a max resolution of 1080p at 25/30 fps

- Built-in HDD/SDD two-channel recording with fragile watermarking for secure and resilient local archiving (15 days on 1TB SSD recording at 10fps/3mbps)
- Built-in 4G/LTE cellular modem and optional USB Wi-Fi adapter for wireless connectivity
- Vibration-resistant, wire-free internal design and heat-dissipating, fan-less enclosure for reliable vehicle-based operation
- Simple web-based configuration of cameras and NVR with remote control of streaming and recording settings
- Can generate alarms and trigger recording using industry-leading video analytics (optional extra)

The eight-channel HD IP450

The HD IP450 is similar to the IP150 but combines an eight-channel NVR with remote streaming of real-time HD video, complete with simultaneous access to up to eight channels in 'quad view' mode.

Features as above, plus:

- Supports eight IP camera inputs with single-channel HD streaming and 'quad-view' four-channel streaming view
- Removable HDD/SDD with fragile watermarking and capacity to record up to 31 days across four channels
- Built-in 4G cellular modem (GPRS/EDGE/UMTS/HSPA+/LTE) and Wi-Fi connectivity

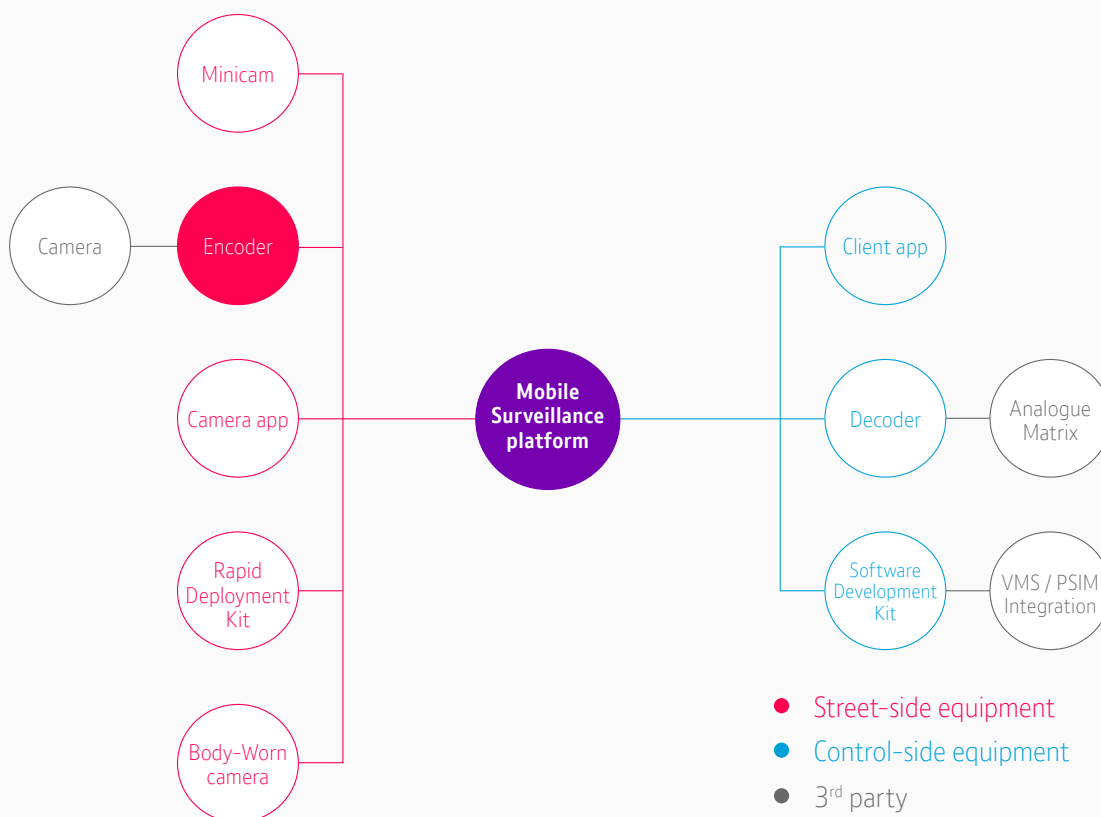
Operational domains

Organisations in the law enforcement, military and transportation domains, as well as by those responsible for securing public spaces rely on the [Surveillance Solutions from BT](#) mobile platform. With its range of hardware and software devices, our mobile surveillance portfolio technology is ideal for use in a variety of static and dynamic operating scenarios:

- Vehicle-based and mobile surveillance operations
- Rapid deployment cameras or network expansion
- Transportation surveillance
- Reducing mobile data costs on remote cameras

System requirements	
Android OS	
Version	Android 4.3+ (Jelly Bean) with Google Play Services installed
Security	AES 256 encryption
Devices	Phones and tablets with a dual core processor or better
Cameras	Front, rear (remote/local switching)
Configuration	Bandwidth, frame rate, frame size, audio (remote/local configuration), GPS location
iOS	
Devices	Apple iPhone 4S+ iPad 2+ iPad Mini iPad Air+ iPad Pro iOS 8 and above
Version	iOS 8 and above
Cameras	Front, rear (remote/local switching)
Security	AES 256 encryption
Configuration	Bandwidth, frame rate, frame size, audio (remote/local configuration), GPS location

How our Mobile Surveillance portfolio fits together



Interested?

Call us today on **0800 032 0025** to talk about how we can help you stay safe and secure. Or head to **[bt.com/surveillance](https://www.bt.com/surveillance)**

Offices Worldwide

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