



Mobile Surveillance Encoders

Surveillance solutions:
Mobile solutions



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

Convert your cameras to wireless with our one-, two- and eight-channel encoding options. The HD IP150, IP200, IP 250, IP450 and IP470 encoders combine real-time surveillance streaming and secure edge recording (recording straight on to the camera), to deliver 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. And you can use them over wi-fi or EE mobile networks thanks to their inbuilt 4G LTE modem.

Our mobile surveillance platform works with all four encoders, giving you an exceptional level of control over network utilisation, with the ability to set maximum bandwidth remotely.



The one-channel HD-IP200

The HD-IP200 combines local recording, remote access and video from IP cameras to offer a real-time surveillance picture. You can even access enhanced resolution imagery when you need to. This includes real-time and locally archived footage as well as individual frames of interest.

Main features

- Supports one IP camera, simultaneous local archiving and one channel real-time streaming.
- 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.
- Supports standard USB External HDD/SSD disks for one-channel recording with Fragile Watermarking (approximately 30 days recording at 10 fps/3mbps with a 1TB SSD).
- Built-in 4G/LTE cellular modem and supplied USB wi-fi adapter for wireless connectivity.
- Simple web-based configuration of cameras and NVR with remote control of streaming/recording settings.
- Can generate alarms and trigger recording using industry-leading video analytics (optional extra).

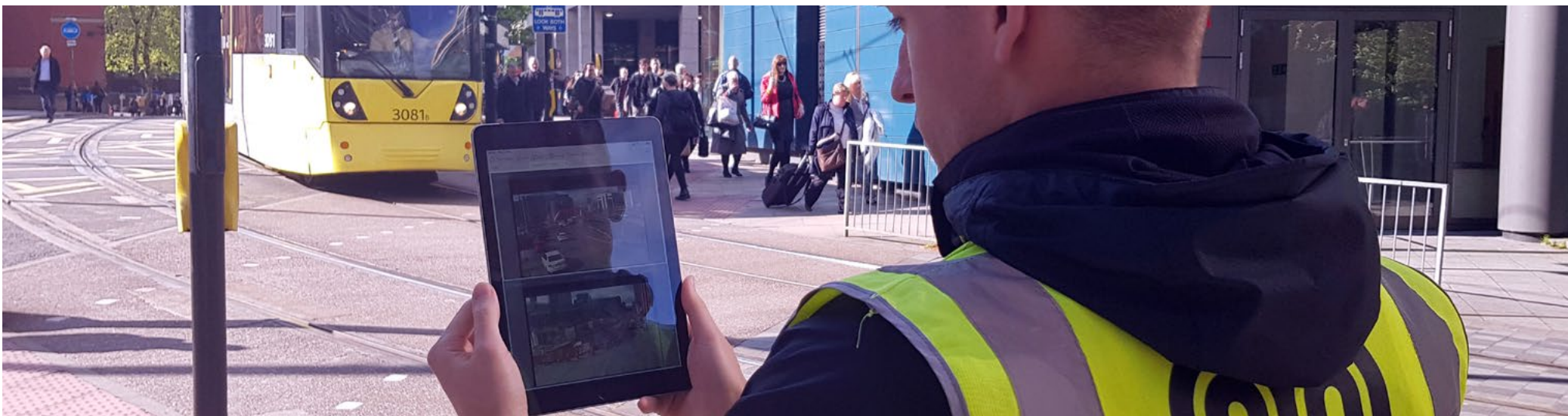


The one-channel HD-IP250

The HD-IP250 video streaming and archiving unit offers an exceptional combination of real-time streaming performance and recording.

Main features

- Supports one IP camera with simultaneous local archiving and real-time streaming.
- 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 25/30fps.
- Supports standard USB External HDD/SSD disks for one-channel recording with Fragile Watermarking (approx. 30 days recording at 10fps/3mbps with a 1TB SSD).
- Supports external USB/LAN cellular modems for multi-network wireless connectivity.
- Supports USB wi-fi adapters for video transmission or local wi-fi video download of original recordings.
- Simple web-based configuration of cameras and NVR with remote control of streaming/recording settings.
- Can generate alarms and trigger recording using industry-leading video analytics (optional extra).



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. You can access enhanced resolution imagery, including real-time and locally archived footage as well as individual frames.

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.

Main features

- Supports eight IP camera inputs with single-channel HD streaming and 'quad-view' four-channel streaming view.
- Ultra-resilient real-time video and audio streaming over low or variable bandwidths (9Kbps to 2Mbps).
- Local NVR records eight channels in H.264 format to a maximum resolution of 1080p.

- 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.
- High-quality vibration-resistant and heat-dissipating fanless enclosure for reliable vehicle-based operation.
- Simple web-based configuration of cameras and NVR with remote control of streaming/recording settings.
- Can generate alarms and trigger recording using industry-leading video analytics (optional extra).

The eight-channel HD-IP470

The HD-IP470 combines the flexibility of IP cameras with a local eight-channel NVR. The result is real-time streaming of HD video and simultaneous access to up to eight channels in 'quad view' mode.

Main features

- Supports eight IP camera inputs with single-channel HD streaming and 'quad-view' four-channel streaming.
- Ultra-resilient real-time video and audio streaming over low or variable bandwidths (9Kbps to 2Mbps).
- Local NVR records eight channels in H.264 format to a maximum resolution of 1080p.
- Integrated SSD recording disk, with support for optional USB/ NAS recording.
- Built-in 4G cellular modem (UMTS/HSPA+/LTE) and wi-fi connectivity.
- High-quality vibration-resistant and heat-dissipating fanless enclosure for reliable vehicle-based operation.
- Simple web-based configuration of cameras and NVR with remote control of streaming/recording settings.
- Can generate alarms and trigger recording using industry-leading video analytics (optional extra).

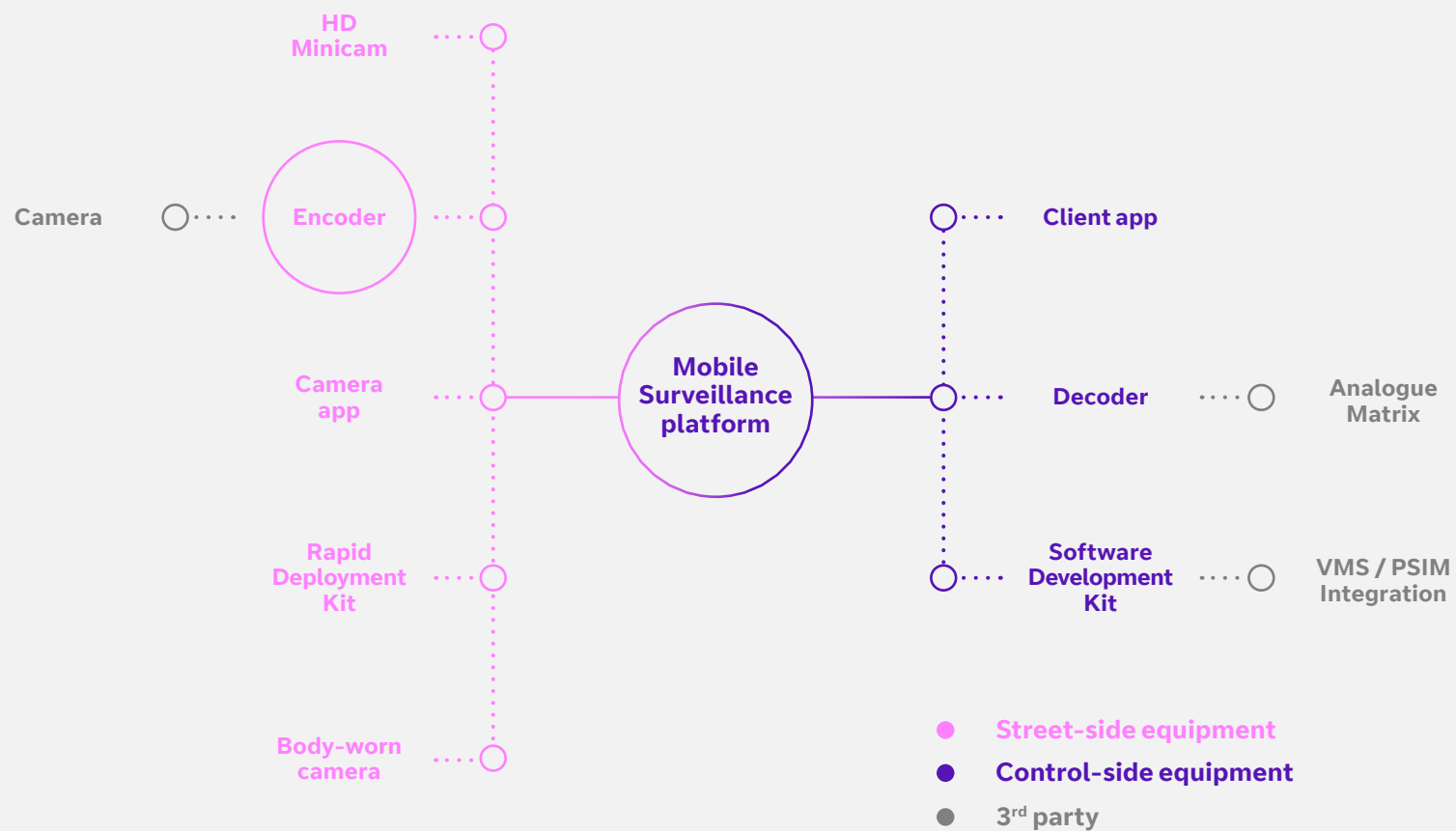
Operational domains

These encoders are ideal for – and used by – organisations in law enforcement, military and transportation, 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.



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**



Offices worldwide

The services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to British Telecommunications plc's respective standard conditions of contract. Nothing in this publication forms any part of any contract.

© British Telecommunications plc 2020. Registered office: 81 Newgate Street, London EC1A 7AJ. Registered in England No. 1800000.

September 2020