

ENCIPHER

Professional Dual Channel IP Encoder

The one-stop box for your live video streaming and surveillance needs

- Dual independent HD video encoders allowing different formats on each stream, composite video, low delay, Power over Ethernet and built-in camera control
- Can be integrated with 3G/4G networks through an external modem using Ethernet connection or via wireless 4G LTE USB dongle support
- Operates in a variety of transmission bandwidths from 100kbps to 30Mbps with variable bitrate encoding.



Stream and deliver

By connecting a video device to the ENCIPHER, you can begin your easy journey into live video streaming and recording. With its compact size, the ENCIPHER is designed to travel well and fit discreetly into small cavities, all while giving you high-quality HD video feeds. And with DTC's IP technology at its core, you can be sure of high reliability and resilience.

Rapid deployment

During high profile events, security or law enforcement, time is of the essence. When there is no time to connect to other network infrastructure, the ENCIPHER utilises 3G, 4G & LTE streaming, allowing you to distribute mobile situational awareness secretly and securely over mobile networks.



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For more information about our Encipher Solution or any other DTC solutions, contact your Sales Account Manager or one of our Regional Sales Offices. Or email us at info@domotactical.com

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ENCIPHER

Feature rich HD encoder designed for streaming applications

The ENCIPHER is DTC's professional H.264 dual-HD video encoder, designed for live video streaming and surveillance applications. The small, robust unit is able to encode up to two simultaneous HD video streams combining low delay, high-quality broadcast capabilities along with a range of extra features such as composite video, Power over Ethernet (PoE) and camera control. Whether used for monitoring CCTV at the home, fixed infrastructure surveillance situations or broadcast, the ENCIPHER meets your streaming and surveillance needs.

Video streaming made simple

The ENCIPHER is an affordable IP encoder that offers simple and affordable entry into the surveillance market, and is adaptable to any operation, whatever the size and scope. It brings dual channel capabilities into one small, robust device that can be quickly deployed and furthermore, offers software selectable audio source, embedded or analogue audio, for each encoder channel. By connecting the ENCIPHER to the network you can enjoy H.264 quality streaming, with transmission

bandwidths from 100kbps to 30Mbps and variable bitrate encoding.

Small and easily portable

With its highly compact form factor and its simple-to-use capabilities, the ENCIPHER opens up new possibilities in the world of streaming and surveillance. Whether it's used in fixed infrastructure surveillance, home surveillance, PTZ control, live events or webcasting - the ENCIPHER streams what you need, when you need it to.

Suitable for a range of applications

PTZ control

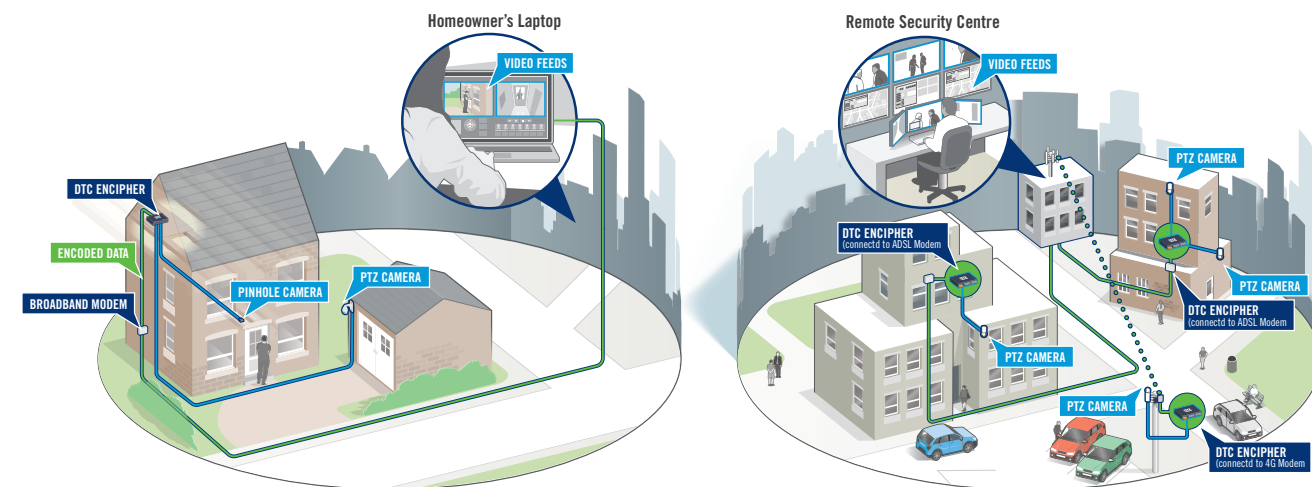
- Housed in a robust enclosure, the ENCIPHER can be used with two connected cameras
- PTZ control via IP link
- Streaming video and audio is encrypted over ADSL/fibre or via wireless link.

Fixed infrastructure surveillance

- For use when ad hoc Mesh is not required
- More than one ENCIPHER can be linked together with wired or low cost point-to-point wireless IP links
- Power management is easy with PoE
- Easy set up and no training required
- Field Controller support.

3G/4G connection

- The ENCIPHER can be integrated with mobile 3G/4G networks through an external LTE modem via Ethernet or wirelessly using a 4G LTE USB dongle.



ADSL streaming

- Can be used at home, in the loft, cellar or roof cavity
- Pinhole camera can be installed through roof tiles or into rooms
- Power and Ethernet to device can be powered from home router or PoE.

Built-in video analytics

- Cameras can be connected to the ENCIPHER and streamed on the first encoder channel
- Motion triggers can be set on the encoder page
- A video download tool can be used to forward and view the recordings.

HD SDI video and audio tracks

- Set up ENCIPHER with SDI camera
- Video and audio set up in one encoder channel
- Stream RTSP video with two audio tracks.

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Features and Benefits

Dual channel

Two high profile HD H.264 video encoders, with a total encoder throughput of up to 1080p30 (1080i60).

Secure

ABS encryption comes as standard. AES licenses available as required.

Simultaneous streams

Enjoy up to two IP streams – RTSP, UDP, unicast and multicast.

Camera control

Can be done through RS232 or RS485 and comes with external switched power supply for powering cameras and sensors.

Up to 16 configurations

Can be saved on the ENCIPHER which can be switched via WEB interface or Domo Device Controller software.

Real time clock

The ENCIPHER clock can be set via WEB interface. It switches automatically to battery power when main power is lost, to maintain the real time clock.

A look at the ENCIPHER

