

# Micro-**VIEW/AUDIO**LOCK

VIDEO & AUDIO ENCRYPTION SYSTEM



## Ultra-Compact Video & Audio Encryption System

- Ultra-compact video & audio encryption system to secure covert video surveillance links.
- Fully ViewAudioLock II video encryption compatible.
- Optimised for use with microwave video surveillance links.
- Ideal for battery operation: DC powered with low current drain (7 to 32 V DC, <55 mA at 12 V).
- Supplied as housed unit or PCB for simple installation within video surveillance systems.

Micro-View/AudioLock II is an ultra-compact version of View/AudioLock II, the leading video & audio encryption system for securing law enforcement microwave video surveillance links from interception.

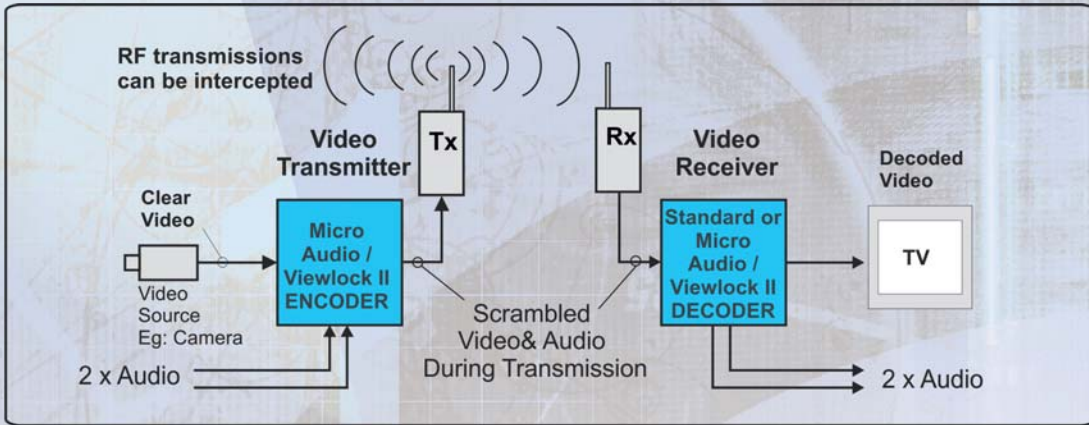
Micro-View/AudioLock II consists of a package of only 67 x 54 x 9.5 mm (or a PCB of 50 x 40 mm). It has been designed for highly covert applications, such as body-worn video surveillance, or for integration within video transmission equipment.

Even though it is such a small package, Micro-View/ AudioLock II retains the all the key features that have made the standard system so successful. These include digital audio encryption, via embedded data within the video, coupled with dynamic line cut and rotate video scrambling.

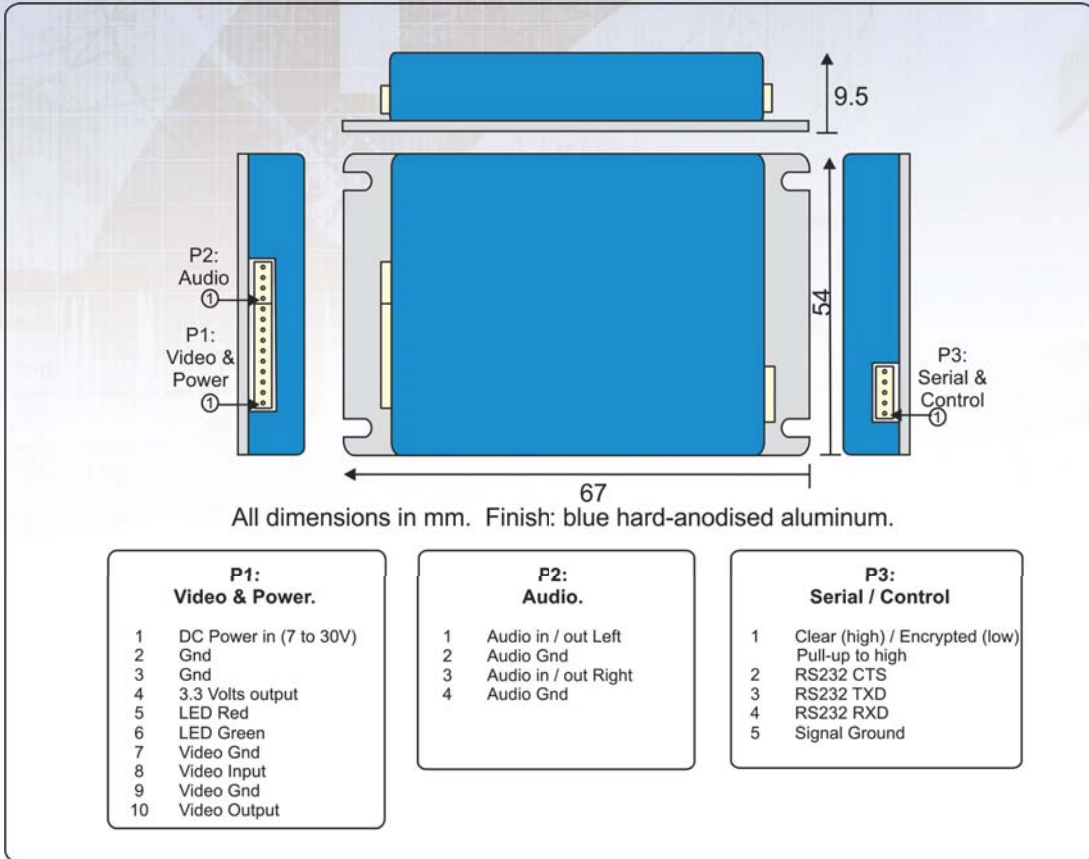
Micro-View/AudioLock II is fully compatible with the standard View/AudioLock II units and may be used interchangeably. It is even possible to download secondary keys, together with other configuration data, via the system's serial port.

Micro-View/AudioLock II ensures that even the most covert of surveillance links are safe and sound.





Typical Micro-View/AudioLock II Application



Micro-View/AudioLock II Dimensions and Interfaces

**Outline Specification**

**General:**

Operating temperature range -10 to +55°C.  
 Mechanical size (housed) 9.5 x 43 x 67 mm.  
 Mechanical size (PCB only) 8 x 30 x 50 mm.  
 Finish Anodised aluminum.  
 Weight (housed) 30 g.  
 DC power / video / LED connector 1.25mm Molex male.  
 Operating voltage range 7 to 32 V DC.  
 Power consumption <0.7 Watts (< 55 mA at 12 V DC).  
 Standard accessories User guide, mating cables.

**Audio:**

Number of audio channels 0,1 or 2 (DIP selectable)  
 Scrambling method Digital audio as embedded data within video.  
 Audio I/O level (maximum) 3 V pp (TBC)  
 Audio input impedance > 10 kΩ  
 Audio output impedance < 100Ω  
 Audio bandwidth (mono) 30Hz to 14kHz (+1, -3dB)  
 Audio bandwidth (stereo) 30Hz to 7kHz (+1, -3dB)  
 Audio compression ADPCM

**Video:**

Video standards supported PAL, NTSC (auto-detect).  
 Video Input / output levels 1 Vpp into 75W.  
 Lock-in time < 0.5 second.  
 Scrambling method Line cut and rotate  
 Encryption Viewlock II compatible.  
 Signal to noise > 55 dB weighted.

**Please note:**  
 Ovation Systems reserves the right to change specifications without notice. E&OE

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**Ovation Systems Ltd**

Springfield Barn  
 London Road  
 Milton Common  
 Oxfordshire · OX92JY · UK

tel: +44 (0) 1844 279 638  
 fax: +44 (0) 1844 279 071  
 email: sales@ovation.co.uk  
 web: www.ovation.co.uk

