



PAL/NTSC H.264 Video Encoder

Converts PAL or NTSC Video & Audio to a H.264 IP Stream

A simple to use rugged in-line module that accepts PAL or NTSC composite video and outputs an ONVIF compliant dual H.264/MJPEG IP stream.

Together with the built-in microphone it provides a complete hardware solution to digitise SD video & audio and broadcast it as an encoded IP stream.

Customers can tailor their requirements to fit the application through recording, Power over Ethernet (PoE) and WiFi add-on options.

Control which includes video configuration, integrated trigger capabilities, WiFi and recording setup is all supported via a web page interface.

The recording option features secure micro SD card storage. Access to the stored movie files can be either by physically removing the SD card or via FTP transfer using the VE Camera Viewer software or an FTP transfer software tool.

With the inclusion of the WiFi option it allows the video stream to be viewed on a WiFi enabled hand held device. WiFi Access Point and Station modes are supported.

Dependant on configuration, the unit can be powered either by the DC power supply included in the kit or Class 0 Power over Ethernet.

It is housed in a CNC machined aluminium IP67 case to produce a unit that is very robust, reliable and suitable for professional use.

Overview

PAL/NTSC Composite Video Input

H.264 IP Stream Output

ONVIF Compliant

Configurable Options

WiFi Option - Integrated Access Point

SD Card Recording Option

Power over Ethernet Option

Integrated Microphone

Web Page Control Interface

Video Player Support App

Motion Triggers

Interconnect Cables Included

IP67 Waterproof

Low Power

Compact Size



Encoder Options with Part Numbers

The encoder module is available in several variants, as described by part number in the following table.

Option	Straight Body	PoE Body
Standard	110-8928	110-8944
SD	110-8941	110-8945
WiFi	110-8942	110-8946
SD and WiFi	110-8943	110-8947

Kit Contents with Part Numbers

The kit comes complete in a foam lined carry case.

- The full kit of accessories 110-8931

The full kit of accessories includes the following parts:

- Cat5e RJ45 to Binder Cable 110-8658
- BNC to Binder Cable 110-3899
- Passive PoE Cable Set 110-8301
- Mains to DC Power Supply* 110-8661
- USB Memory Stick** 110-8679



*15V, 1.6A with world adaptors

**Includes supporting documentation

Specifications			
Input Video	PAL or NTSC	Optional WiFi	2.4GHz
Video Encoding	Dual H.264 and MJPEG	VMS Compliance	ONVIF
Audio Encoding	G711	Power	5 to 16V DC, 1.4W
Microphone	Voice Band Silicon Omni	Temperature	-20 to +50°C
Max Bit Rate	10Mb/s	Environmental	IP67
Streaming Protocol	RTSP over TCP or UDP	Weight	52g
Optional Recording	32GB micro SD Card	Dimensions	82.5 x 25 x 20mm

Visual Engineering Technologies LTD

Kemps Farm
Stanway
Colchester
Essex
CO3 8NB
UK



Product specifications subject to change without notice

Tel: +44 (0)1206 211842
Web: www.visualengineering.co.uk
Email: sales@visualengineering.co.uk