



Digital Barriers

# WIRELESS SURVEILLANCE EDGEVIS HD-D1000

## VIDEO DECODER UNIT AND RACK-MOUNTED DECODER UNIT

EdgeVis HD-D1000 is a video decoder unit used to convert video streams from Digital Barriers EdgeVis encoder units to HDMI or composite video output.

The decoder units are compact, self-contained and low power – with flexible one, two or three channel variants including options for 'rack' mounting.

### Not all wireless video solutions are created equal

EdgeVis wireless encoders are a world-class surveillance solution for secure remote viewing of video over very low bandwidth networks. In comparison to other wireless video technologies, such as MPEG compression, EdgeVis provides a higher quality, lower latency and more resilient approach to real-time video and audio transmission.

The EdgeVis HD-D1000 is a dedicated decoding solution for converting IP streams from EdgeVis video encoders into either HDMI or composite video outputs. The output feeds into other devices such as monitors or digital video recorders (DVRs). Modular hardware allows for one, two or three channel 1U 19" rack-based units for ease of deployment.

### Practical operational benefits

The EdgeVis decoders provide a practical decoding solution where a composite video and audio output is required for input to control room systems or direct to a monitor. Both decoder units feature compact enclosures and low power requirements, providing a self-contained solution that can provide both remote viewing and control for operators.

Operators can select from any number of available EdgeVis streams and control PTZ functions using a USB keyboard. The units are configured using a simple USB pen drive application and, once configured, are designed to run without the need for any physical operator intervention.

### Key features

- Self-contained hardware decoding unit to decode EdgeVis IP stream into HDMI or composite video output
- Each decoder channel is configured and operated independently allowing maximum flexibility
- Up to three decoder units can be physically combined to create a 1U 19" rack unit using supplied rack kit
- Operators can select from any number of available EdgeVis IP streams using USB keyboard and control PTZ
- Cost-effective solution features ultra low-power hardware consuming average 30 Watts per channel
- Simple configuration using USB pen application

### Operational domains and installed base

EdgeVis wireless surveillance solutions have been deployed across the law enforcement, military and transportation domains, as well as by those responsible for securing public spaces. EdgeVis decoders are designed to incorporate EdgeVis video/audio into viewing and control operations:

- HDMI/DisplayPort/composite input to video management system
- HDMI/DisplayPort/composite input direct to monitor



EdgeVis HD-D1000 - 3 channel  
(with rack mount attached)

### Product codes

EdgeVis HD-D1000 - 1 channel	EdgeVis video decoder unit (1 channel)
EdgeVis HD-D1000 - 2 channel	EdgeVis video decoder unit (2 channel)
EdgeVis HD-D1000 - 3 channel	EdgeVis video decoder unit (3 channel)

(rack face-plate supplied as standard with all units)

## EdgeVis HD-D1000 Decoder Unit

Physical Size:	L145mm x W195mm x D44.5mm
Operating Temperature:	0° to +50°C
Input Voltage:	110-230V AC
Power Consumption:	30W maximum
HD Video Output:	1080p via DisplayPort connector (HDMI possible through use of appropriate cable)
SD Video Output:	Switchable PAL/NTSC composite output (through supplied adapter)
Audio Output:	Via DisplayPort/composite adapter
Internet Connectivity:	10/100 RJ45 Ethernet connector for ADSL and network lines
Control:	Keyboard input via USB port (not supplied)

## Available Options

The HD-D1000 can be supplied as a one, two or three channel device. Each channel is supplied as a standalone unit (one-per-channel) that can be combined easily with the supplied rack face-plate to create a single 1U 19" rack unit.

### HD-D1000 – 1 Channel

1 x rack face-plate kit  
1 x HD-D1000 Decoder Unit



### HD-D1000 – 1 Channel

1 x rack face-plate kit  
1 x HD-D1000 Decoder Unit

### HD-D1000 – 2 Channel

1 x rack face-plate kit  
2 x HD-D1000 Decoder Units



### HD-D1000 – 2 Channel

1 x rack face-plate kit  
2 x HD-D1000 Decoder Unit

### HD-D1000 – 3 Channel

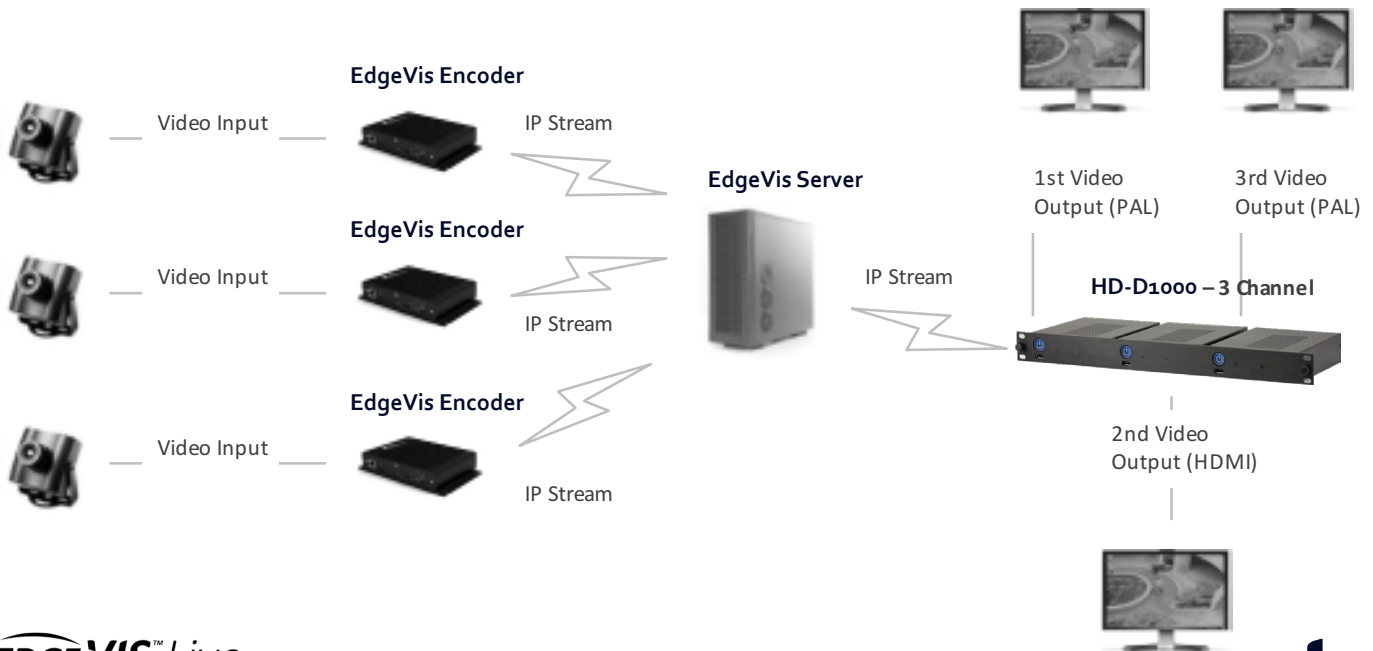
1 x rack face-plate kit  
3 x HD-D1000 Decoder Units



### HD-D1000 – 3 Channel

1 x rack face-plate kit  
2 x HD-D1000 Decoder Unit

## System Illustration



**EDGEVIS™ Live**  
Powered by TVI

Contact Digital Barriers or your local reseller for further details on our solutions

©2016 Digital Barriers plc. All rights reserved.

E&OE. Specifications subject to change without notice.

**Digital Barriers**

[www.digitalbarriers.com](http://www.digitalbarriers.com)