

# VK2-ENCODER SINGLE CHANNEL D1 ENCODER



## H.264 VIDEO ENCODER



Part of the VIP2 range, Vista has introduced the VK2-Encoder with H.264 compression and Power over Ethernet (PoE).

The Encoder takes a standard analogue CCTV camera signal and converts it to an IP stream to allow it to be viewed anywhere on the network. Feature rich, it offers PoE, audio in and out, telemetry output and alarm inputs and outputs.

Being part of the VIP2 range, it is supplied with its own free management software and is compatible with Graphica2, the powerful enterprise-class video management solution offering seamless integration of analogue and digital technologies. PoE operation allows power to be sent over Cat5 cable, allowing existing cabling to be used rather than incurring the added cost of extra cable installation.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



### Key Features:

#### H.264 compression

Highly efficient compression for top quality images at low bandwidth, >25% more efficient than MPEG4.

#### PoE

Power over Ethernet, allows installation over single CAT5 cable

#### Dual Streaming

Send 2 separate video streams simultaneously in H.264, MPEG4 or MJPEG with independent control on frame rate and bandwidth

#### Multi protocol RS485 telemetry

Controls the majority of domes on the market

#### Simple to use

Operation via well-established PC-based system

#### Part of VIP2 range

Similar look and feel across whole range

#### High quality - high frame rate

Capable of displaying and recording images real time up to 25fps at D1 resolution

THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE

0471760 VK2-ENCODER IP encoder H.264 and PoE

## TECHNICAL SPECIFICATION

MAIN ITEM	SUB ITEM	SPECIFICATION
VIDEO	Video In/Out	1BNC/1BNC, 1.0Vp-p [75ohm, composite]
	Compression	Motion JPEG
		MPEG-4 Part2
		H.264 (MPEG-4 Part 10)
		Profiles: H.264 MP and BP, MPEG-4 ASP and SP
	Resolutions	4CIF, 2CIF, CIF, QCIF, VGA, QVGA, QQVGA
		Max. 704x480/704x576 [NTSC/PAL] Min. 160x120,
	Frame Rate, H.264	Up to 30/25ips [NTSC/PAL] @ all resolutions
	Frame Rate, MPEG-4	Up to 30/25ips [NTSC/PAL] @ all resolutions
	Frame Rate, MJPEG	Up to 30/25ips [NTSC/PAL] @ all resolutions
Video Streaming	Simultaneously H.264 (or MPEG-4) and MJPEG	
	Controllable Frame Rate and Bandwidth VBR/CBR H.264 and MPEG-4	
AUDIO	Audio In/Out	1/1 Phone Jack
	Audio Streaming	2 Way
	Compression	G.726 ADPCM 40kbps to 16kbps
NETWORK	Security	Multi-user authority, HTTPS, IP Filtering, 802.1x
	Supported Protocol	IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, RTCP, DHCP, ARP
	Remote Software	Web page, eVideoClient16
	Max. Connection	10
SYSTEM REQUIREMENT	API Programming Interface	API Supported,
	Interface	Open Platform
	Alarm Triggers	Motion Detection, External Input, Video Loss
	Alarm Events	File upload via FTP and HTTP
		Notification via E-mail, HTTP and TCP External Output Activation
Video Buffering	Pre and Post Alarm	
FEATURE	Motion Detection	Yes, Max 8 window
	Privacy Mask	Yes, Max 8 window
	Network Time Synchronization	Yes
	Software Reset	Yes
	Factory Reset	Yes
	Auto Recovery	Yes
	Installation Tool	Yes, SmartManager Software
Upgrade	Yes, Remote Software	
IN/OUT	Alarm In/Out	1 TTL / 1 Relay Output
	Auxiliary	1 x RS485, 1 x USB2.0
	Ethernet	RJ-45 10BASE-T/100BASE-TX PoE
	LED Indicator	Power, Network
	Buttons	Factory Reset
GENERAL	Casing	Metal Casing, Standalone or with Bracket for wall mount
	Operating Temperature	0°C to 50°C
	Operation Humidity	
	Power Consumption	24V AC/12V DC max. 5watt,
		Power over Ethernet IEEE 802.3af Class2/3
	Dimensions (WxHxD)	155x40x102.4mm
	Unit Weight	470g
Approval	CE	



No liability will be accepted by Vista for any errors or omissions in this information.  
Subject to change without notice.

DS-VK2ENCODER - version 2

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