ENC5516 H.264 Direct-Attached Video Encoder

16 ANALOG CHANNELS, D1 AT 30/25 IPS

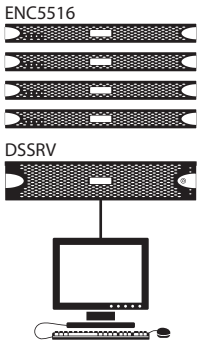
Product Features

- Direct-Attached Video Support for Digital Sentry® Network Video Recorder
- Supports 16 Channels per Encoder
- Provides 16 Looping, Auto-Terminating Video Outputs
- H.264 Hardware Compression
- Up to 30/25 (NTSC/PAL) ips at CIF, 2CIF, and D1 per Input
- Frame Rates and Resolutions Configurable per Channel
- 16 Audio Inputs, 16 Alarm Inputs, and 4 Relay Outputs

Digital Sentry® **ENC5516** video encoder is purpose-built to provide direct-attached support for analog cameras on the high-performance Digital Sentry network video recorder (NVR) platform, and provides unique and affordable support for IP migration. The **ENC5516** is a convenient replacement for existing DVRs and lets customers leverage their existing analog wiring infrastructure.

Existing analog infrastructure means existing analog wiring structures must be supported. Use the **ENC5516** for capturing the BNC connections from other recording systems. Directly attach up to four **ENC5516s** through supplied cables to one DSSRV to accommodate up to 64 analog cameras.

Add the **ENC5516** to your DSSRV for an integrated, high-performance IP migration platform.



IMPORTANT NOTE. PLEASE READ. The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco representative to discuss your specific requirements.

TECHNICAL SPECIFICATIONS

MODEL

ENC5516	16-channel, H.264, direct-attached video encoder; requires ENC5400-4PORT Capture card (sold separately)

SUPPLIED ACCESSORIES

Power Adapter	12 V through auto-ranging DC (12 V, 6 A); allows for redundant power
Power Cord	Based on country designation **Note:** Units shipped to China do not include power cords
Terminal Block	3, 5-pin terminal blocks 4, 10-pin terminal blocks
Rack Mount	2, mounting brackets
Rubber Feet	4 (for desktop)

VIDEO/AUDIO

Video Standards	NTSC/PAL	
Video Encoding	H.264, Main profile	
Video Resolutions		
Analog Cameras	NTSC	PAL
D1	720 x 480	720 x 576
2CIF	720 x 240	720 x 288
CIF	352 x 240	352 x 288
Video Output	2 BNC connectors (1 for MUX and 1 for spot monitor); 16 BNC looping video output	
Audio Input	16 channels	
Audio Format	Pulse code modulation (PCM)	
Sampling Resolution	8- or 16-bit	
Sampling Frequency	4, 8, 16, or 32 kHz	

PTZ CONTROL

Interface	2; RS-422, RS-485, video in
Protocol	Pelco P, Pelco C, and Pelco D

ALARMS/RELAYS

Alarms In	16
Relays Out	4

POWER

Power Consumption	
Input Voltage	12 VDC (through supplied auto-ranging 90 to 240 VAC power adapter)
Current	2130 mA
Power	25.56 W (maximum ±5%)

FRONT PANEL INDICATORS

PWR1	Green when the power source is connected
PWR2	Green when the power source is connected
LINK	Green when the host is turned on and a connection is made between the encoder and the host
INFO	Blinks green when the firmware is updating
Video Input (1 to 16 Channels)	Green when detecting an active video signal on the corresponding video input connector

ENVIRONMENTAL

Operating Temperature	0° to 60°C (32° to 140°F)
Operating Humidity	85% maximum relative humidity, non-condensing

PHYSICAL

Dimensions	18.9 x 44.2 x 4.4 cm (7.5" D x 17.4" W x 1.7" H)
Unit Weight	2.7 kg (6 lb)
Shipping Weight	5.4 kg (12 lb)

CERTIFICATIONS/RATINGS

- CE, Class A; meets EN50130-4 standard requirements
- FCC, Class A
- UL/cUL Listed
- CCC*
- KCC*
- TUV

*As of the date of this publication, these certifications are pending. Please consult the factory, our Web site *www. pelco.com*, or the most recent B.O.S.S® update for the current status of certifications.

Notice: *Judgment as to the suitability of the products for users' purposes is solely the users' responsibility. Users should refer to the Operation manuals for cautionary statements regarding user selected options and how they might affect video quality. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.*

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