

ENC5516 H.264 Direct-Attached Video Encoder

16 ANALOG CHANNELS, D1 AT 30/25 IPS

Product Features

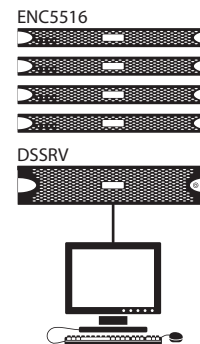
- Direct-Attached Video Support for Digital Sentry® Network Video Recorder
- Supports 16 Channels per Encoder
- Provides 16 Looping, Auto-Terminating Video Outputs
- H.264 Hardware Compression
- Up to 30/25 (NTSC/PAL) ips at CIF, 2CIF, and D1 per Input
- Frame Rates and Resolutions Configurable per Channel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



by Schneider Electric



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MODEL

ENC5516 16-channel, H.264, direct-attached video encoder; requires ENC5400-4PORT Capture card (sold separately)
Notice: The ENC5516 must be on a separate DSSRV than the ENC5416.

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, noncondensing

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.