



VISUALIZER™ 4 CHANNEL VIDEO ENCODER

An encoder provides an ideal way to upgrade existing analog video cameras to offer all the advantages available from digital video. The Visualizer EN-7904 network video encoder provides 4 input channels and uses the latest H.264 compression, which dramatically reduces file sizes by up to 80% for easy storage and network transmission.

Efficient operation allows ease of monitoring, management and maintenance, and reduces the demand on time and resources. Cost savings are also introduced as multiple or complex sites can be monitored from one central location. Using the Visualizer EN-7904 network video encoders in combination with Symmetry Video Management Software delivers a complete high performance, seamless video solution for use with low cost analog cameras.

The EN-7904 includes, at no extra cost, "Intelligent Detection", which uses a unique tracking engine to perform intelligent analysis of motion for intrusion and tamper detection. These Intelligent Detection features include:

- Intruder and Perimeter Detection tracks up to 100 moving and stationary targets to generate real time alerts on objects present in up to 40 overlapping detection zones
- Camera Tamper Detection generates a tamper alarm if the camera is covered or if the camera is moved or otherwise adjusted to affect the camera view.

A version of the encoder is also available with Video Content Analytics (VCA) that extends the capabilities of the Intelligent Detection to include additional filters for entry / exit, appear / disappear, dwell, direction, abandoned / removed objects and counting linked to the detection rule. These enhanced VCA features allow intelligent analysis of motion in a variety of application areas.

By allocating an IP address per input channel, Motion Detection, Intelligent Detection and the optional VCA Analytics is available on image streams from each analog camera input channel.

To make full use of the features available in these encoders requires Symmetry Security Management Software v6.2 SP4 or later, with Visualizer EN-7900 Series Video Plug-in.

KEY FEATURES

- Video encoder for monitoring up to 4 low cost analog cameras
- Robust compact metal enclosure
- H.264 encoding
- 25/30fps @ D1
- Motion Detection per input channel
- Intelligent Detection per input channel
- Advanced Video Analytics per input channel (EN-7904-VCA)
- Deinterlacing on DSP
- Connects directly to LAN / WAN - 10/100 Base-T
- Three Year Warranty
- Integrates with Symmetry Security Management Software
- RS232, RS485
- 4 digital inputs



SPECIFICATIONS	EN-7904 NETWORK H.264 ENCODERS
TV System	Auto detection of NTSC and PAL
Resolution	DI, 4CIF, VGA, CIF, QVGA, QCIF
Functions	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.IX, SSH, FTP
Power Source	12 VDC, Power block included
Power Consumption	1,100 mA @ 12V
Operating Temperature	-20°C to 60°C (4°F – 140°F) Up to 85% RH (non-condensing)
Color	Black
Dimensions	W: 137mm (5.4in) H: 38mm (1.5in) D: 189mm (7.4in)
Compression	H.264
Frame Rate	25/30fps @ DI
Intelligent Detection	Intrusion detection, tamper detection for obscuration, defocus and movement
Video Content Analytics	Direction, stopping, loitering, entering, exiting, appear, disappear, dwell, abandoned and removed objects, counting linked to detection rule (EN-7904-VCA)
PURCHASING INFORMATION	DESCRIPTION
EN-7904	4 channel encoder with Intelligent Detection per channel
EN-7904-VCA	4 channel encoder with Intelligent Detection and Video Analytics per channel



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