



DIGIOP ENCODERS

Supports analog and HD analog

DIGIOP Encoders can be added to any DIGIOP NVR, allowing them to utilize analog video. As a provisional and cost effective solution, the DIGIOP Encoder is useful for sites which have an existing analog infrastructure.

The Encoders are compatible with HD-TVI, HD-CVI, AHD, and CVBS cameras. This will allow you to continue to use standard analog cameras on your system, while you add or upgrade to HD analog cameras. This allows you to extend the life of the security system as you upgrade to advanced camera units.

With support for up to 1080p TVI video signals with the ENCODER-HD16 and up to 8MP TVI video signals with the ENCODER-HD16-8MP, you can record video in up to 8MP resolution at up to 15fps per channel.

The Encoders support H.265 and H.264 video codecs that help reduce file size, maximize recording time, and save hard drive space.

As well as delivering HD resolution video, HD-TVI technology can send zero latency HD video over any standard analog CCTV cabling. They offer transmission distances up to 3,940 feet depending on the camera resolution.

What's Included:

- + Encoder
- + Power supply
- + Quickstart Guide

Key Features:

- + Compatible with HD-TVI, HD-CVI, AHD and CVBS cameras
- + Supports up to 16 total cameras
- + HDMI and VGA video outputs
- + CVBS auxiliary monitor output

ENCODER-HD16

Video Compression	H.265, H.264
Analog Video Input	16-ch BNC interface (1.0 Vp-p, 75Ω)
HDTVI Input Resolution	Up to 1080p
AHD Input Resolution	Up to 1080p
HDCVI Input Resolution	Up to 1080p
CVBS Input	NTSC/PAL
Frame Rate	Up to 15fps
Video Output	VGA, HDMI, CVBS (Auxiliary)
HDMI Video Output Formats	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Video Output Formats	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Video Output Format	PAL: 704 × 576, NTSC: 704 × 480
Ethernet	1x 10M/100M/1000M RJ-45 self-adaptive Ethernet interface
USB	1x USB 2.0 (front panel), 1x USB 3.0 (rear panel)
Power Requirements	12Vdc
Power Consumption	≤ 25W (without HDD)
Weight	4.4 lbs. (without HDD)
Dimensions (in.)	15.0 W" × 12.6" D × 1.9" H
Operating Temperature	14°F ~ 131°F
Operating Humidity	10% ~ 90% (non-condensing)
Color / Material	Black
Material	Aluminum, Plastic
Approvals	CE, FCC, RoHS, UL

ENCODER-HD16-8MP

Video Compression	H.265, H.264
Analog Video Input	16-ch BNC interface (1.0 Vp-p, 75Ω)
HDTVI Input Resolution	Up to 8MP
AHD Input Resolution	Up to 4MP
HDCVI Input Resolution	Up to 4MP
CVBS Input	NTSC/PAL
Frame Rate	Up to 30fps
Video Output	VGA, HDMI, CVBS (Auxiliary)
HDMI Video Output Formats	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Video Output Formats	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Video Output Format	PAL: 704 × 576, NTSC: 704 × 480
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