

HD Video Surveillance Made Easy.™

Compressor™

Analog to IP Video Encoder



Compressor™ analog to IP signal encoders convert up to 16 4K analog cameras into IP streams.





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The Compressor™ Analog to IP signal encoders convert HD-Analog, HD-TVI and legacy analog signals up to 4K into IP streams at up to 4K resolution. Compressor™ encoders are fully integrated with DW Spectrum® IPVMS or any ONVIF approved VMS. Compressor™ encoders are an affordable and effective solution for applications with both analog and IP network surveillance components boosting your system to an IP level of quality and capabilities.

Easiest transition from analog to IP

DW®'s Compressor™ line of encoders is the simplest way to bring existing analog cameras into an upgraded IP installation, utilizing existing cameras to maximize ROI.

Features:



- The most cost-effective path to IP
- Universal HD over Coax® technology with HD-Analog, HD-TVI and all legacy analog signal support up to 4K
- Connect your analog cameras to DW Spectrum® IPVMS or any ONVIF approved VMS
- Convert up to 16 analog cameras to 4K IP video signals*
- Streaming 4K @ 112fps, 5MP @ 192fps, 4MP @ 240fps, real-time 2.1MP/1080p, VGA and D1 @ 480fps*
- Real-time at up to 480fps local display (4K @ 240fps, 5MP @ 320fps)*
- Simultaneous dual-streaming
- Works with DW Spectrum® IPVMS recording license (requires DW-SPCP16LSC016 or DW-SPCPO4LSC004)
- Motion detection support
- Two-way audio*
- Micro card slot for emergency recording (card not included)*
- OSD and PTZ control via coax (UTC)*
- RS-485 Interface for PTZ control
- RS-232 Interface for PTZ control
- Search and playback from DW Spectrum® IPVMS
- Frame rate and bandwidth control
- 4 alarm input, 1 alarm output
- Privacy zones*
- Event notifications via e-mail with image
- PSIA (v1.0) conformant*
- DW-EN19RE rack mount included*
- ONVIF conformant, Profile S



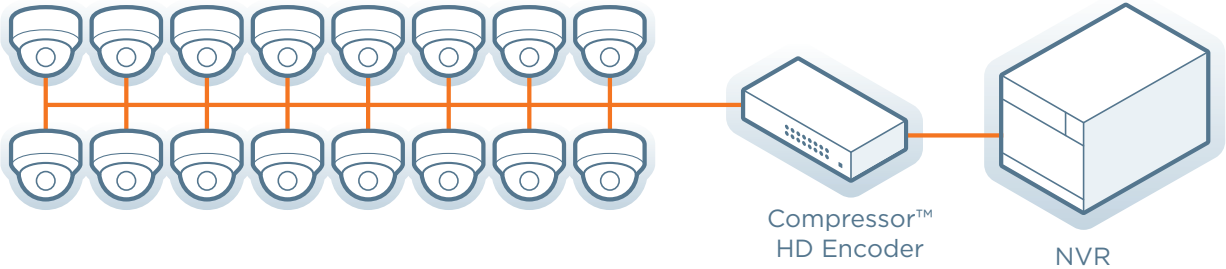
* on supported models





Compressor™ HD encoders

Compressor™ encoders support the transmission of up to 16 HD analog signals into IP signals of up to 4K resolution.



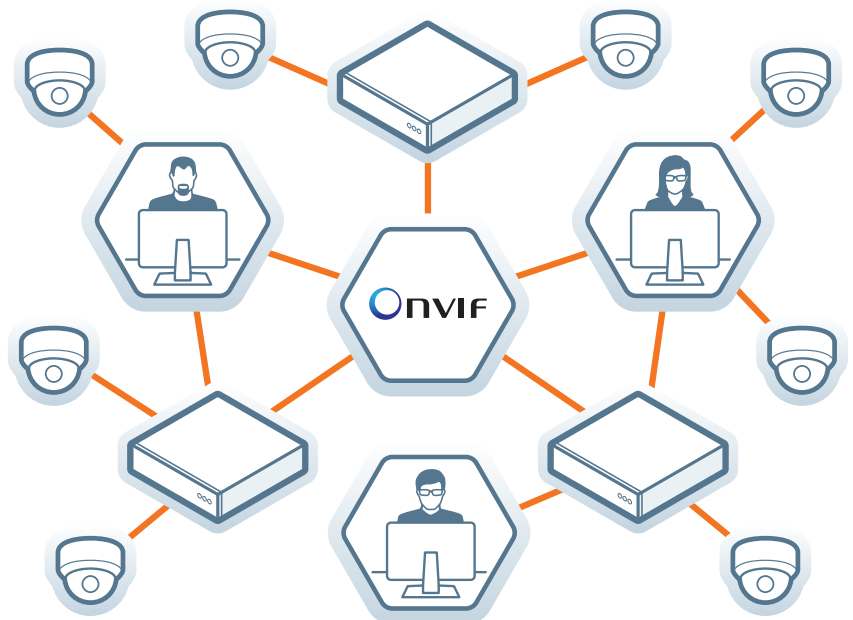
Full integrated with DW Spectrum® IPVMS

DW Spectrum® IPVMS is an endlessly customizable IP Video Management platform. It that gives users the ability to create tailored video surveillance layouts for any application, easily managed , from the office or in the field.



OnVIF® Conformant*

DW's OnVIF® conformant IP products allow you to bring our robust solutions to any surveillance system with other OnVIF® components, creating a truly unique solution to match your specific needs.





SPECIFICATIONS	DW-EN4K16	DW-CP04
Video input	16 HD-Analog, HD-TVI and all analog signals up to 4K resolution	4 analog channels
Video output	16 IP channels	4 IP channels
Local display	True HD, VGA and Spot	---
Local display resolution and frame rate	Up to 480fps 4K @ 240fps 5MP @ 320fps	---
Streaming resolution	Main stream: 4K @ 112fps Main stream: 5MP @ 192fps Main stream: 4MP @ 240fps Sub-stream: 2.1MP/1080p @ 480fps Sub-stream: VGA @ 480fps	120fps @ D1 and CIF resolutions
Video encoding	H.265, H.264	H.264, MJPEG
AUDIO		
Input	1 audio input	1 audio input
Output	1 RCA audio output, 1 HD audio output	1 audio output
INTERFACE		
Alarm input	4 alarm inputs	4 alarm inputs
Alarm output	1 alarm output	4 alarm outputs
Serial ports	2x RS485, 3x USB, UTC PTZ control via Coax (HD-Analog / HD-TVI)	1x RS-232 port for UART device control 1x RS-485 PTZ support
GENERAL		
ONVIF conformant	Yes, Profile S	Yes, Profile S
Rack mountable	DW-EN19RE (included)	DW-C19E (optional)

Universal HD over Coax® cameras

STAR-LIGHT PLUS™

Color in Darkness Universal HD over Coax® cameras

HD-Analog, HD-TVI and HD-CVI cameras up to 5MP, License Plate Recognition and PTZ specialty cameras.

- Star-Light Plus™ color in near-total darkness technology
- Fixed, vari-focal and p-iris lens options*
- True wide dynamic range (WDR)*



STAR-LIGHT PANO™

Super Low-Light Universal HD over Coax® cameras

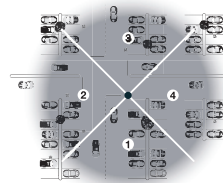
WORLD'S FIRST!
180° Analog Panoramic Camera



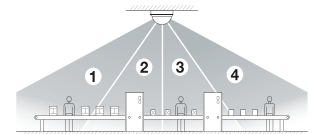
STAR-LIGHT FLEX™

Super Low-Light Universal HD over Coax® cameras

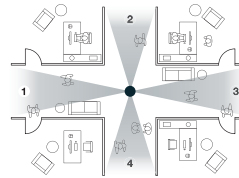
Star-Light Flex™ 8MP HD over Coax™ Multi-Sensor User-Configurable Indoor/Outdoor Camera.



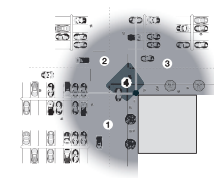
360° Parking Lot Installation



180° Assembly Line Installation



360° Hallway Installation
Sensor's max tilt: 70°



270° Corner Installation

* See data sheets for specifications per camera.