

UNIVERSAL
HD COAX®

4K
ULTRA HD
H.265
H.264



4K

Resolution



Universal HD / Analog



16 Channels, 480fps



Dual Stream



Alarm Input/Output



IPVMS

Summary

The Compressor™ analog to IP signal encoder converts up to 16 HD-Analog, HD-TVI and legacy analog signals of up to 4K resolution into IP signals at up to 480fps. The encoder supports live local display up to 4K, local audio and alarm inputs and outputs, plus camera control via UTC. The DW-EN4K16 encoder is fully integrated with DW Spectrum® IPVMS and will work with any ONVIF conformant VMS. The Compressor™ encoder is an easy and affordable solution for applications with both analog and IP cameras.

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
- Real-time at up to 480fps local display (4K @ 240fps, 5MP @ 320fps)
- 4K @ 112fps, 5MP @ 192fps, 4MP @ 240fps, real-time 2.1MP/1080p and VGA @ 480fps
- Simultaneous streaming
- Works with DW Spectrum® IPVMS recording license (requires DW-SPCP16LSC016 or DW-SPCP04LSC004)
- Motion detection support
- Two-way audio (4 input, 1 output, 1 HD output)
- OSD and PTZ control via coax (UTC)
- 2x RS-485 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
- DW-EN19RE rack mount kit included
- ONVIF conformant, Profile S



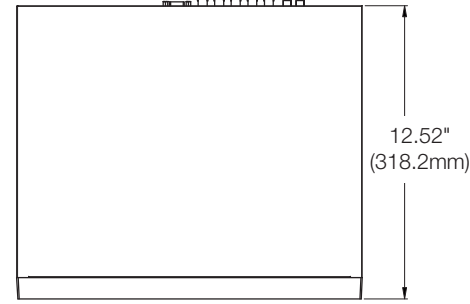
Mounting accessory (Included)



DW-EN19RE
19" rack mount ears

Dimensions

Unit: inch (mm)



Specifications

VIDEO		
Video input	Signal type	HD over Coax® technology with HD-Analog, HD-TVI and CVBS analog signal up to 4K
	CH#	16CH BNC input
Video output	Outputs	True HD, VGA, Spot
	Resolutions	True HD/VGA: 4K, 1920x1080, 1280x720, 1024x768 Spot: 1.0 Vp-p (75 ohm, composite)
Display mode (local)		True HD/VGA: 1/4/9/16 split, sequence Spot: 1/16 Split, Sequence
Display speed		Up to 480fps, 5MP @ 320fps, 4K @ 240fps
Compression		H.265, H.264
Frame rate and resolution		Main stream: 4K @ 112fps 5MP @ 192fps 4MP @ 240fps 2.1MP/1080p @ 480fps Sub-stream: VGA @ 480fps
PERFORMANCE		
Interface	Audio in/out	4 RCA input / 1 RCA output, 1 HD output
	Alarm in/out	4 input, 1 output (via terminal block)
	Serial (RS485, USB, UTC)	2x RS485, 3x USB UTC for PTZ control (HD-Analog / HD-TVI)
Features	Motion detection	Yes
	Privacy masks	Yes
	Alarm management	Locally and via DW Spectrum® IPVMS. NC/NO alarm management
	Notifications	E-mail notifications
	Security	HTTPS, SSL
NETWORK		
Network connection		1 RJ45 10/100/1000 Base-T
Streaming	Transmission speed live	4K @ 112fps 5MP @ 192fps
	Max. throughput	288Mbps
	Bandwidth	Support for bandwidth control
	Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
Access	Web viewer	Internet Explorer® 11 or higher
	Software	DW Spectrum® IPVMS and ONVIF VMS
GENERAL		
Operating temperature		32°F - 104°F (0°C - 40°C)
Operating humidity		Less than 90% (non-condensing)
Other certifications		FCC
Electrical	Power requirement	12V DC, 2A
	Power consumption	Max. 15.6W
Dimensions		14.76" x 1.76" x 12.52" (375 x 44.9 x 318.2 mm)
Weight		5.5 lbs (2.5 kg)