



16-Channel NVR with 4 TB HDD and PoE

CVP-M161650-04

SIMPLE SETUP USING
ClareVision+ App



This easy-to-install and rack mountable NVR includes 16 independent PoE network interfaces and will accommodate input from 16 cameras, with 4 TB of hard drive capacity pre-installed for recording and playback. Features include recording resolution at up to 4K, and 16-channel synchronous playback, and dynamic adjustment of camera encoding parameters to assure high-quality images at critical moments while preserving disk space and network bandwidth.

- Supports 16 IP Cameras
- 16 Ports PoE
- 4K (3840x2160) max. recording resolution
- HDMI/VGA, resolution up to 3840x2160
- Easy plug-and-play installation with Auto Discover
- 16-channel synchronous playback
- Remote viewing on iPhone, iPad, Android phone and in Mac or PC browsers
- Drivers for Clare Controls, Crestron, Control4, RTI, and Elan control systems
- Up to 70% more efficient on storage with H.264+ Codec
- DHCP by default

Technical Specifications

Video/Audio Input

IP video input	16-channel
2-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)

Network

Incoming bandwidth	160 Mbps
Outgoing bandwidth	256 Mbps
Remote Connections	128

Video/Audio Output

Recording resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
HDMI output	60 Hz: 3840x2160, 1920x1080, 1600x1200, 1280x1024, 1280x720, 1024x768 30 Hz: 3840x2160

VGA output	60 Hz: 1920x1080, 1280x1024, 1280x720, 1024x768
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Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding Format	H.265, H.264, MPEG4, H.264+
Playback resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF

Synchronous playback	16-ch @ 1080P / 4-ch @ 4K
Compatibility	ONVIF (Profile S, G), PSIA

Hard Disk

Available SATA interfaces	4 Total SATA Interfaces; 2 installed with 2 TB HDDs
eSATA interfaces	n/a
Capacity	Up to 6 TB for each HDD

RAID

Array type	n/a
Arrays/virtual disks	n/a

External Interface

Network Interface	2 RJ45 10/100/1000 Mbps Ethernet Interface
PoE interface	16 independent 10/100 Mbps Ethernet
USB interface	Front Panel: 2x USB 2.0, Rear Panel: 1x USB 3.0
Alarm I/O	16/4

Other

Power supply	100-240 VAC
Max. Consumption	≤80 W; ≤20 W without hard disk
Working temperature	14° to 131° F (-10° to 55° C)
Working humidity	10% - 90%
Weight	≤11 lb (5 kg) without HDD
Dimensions	17.5 x 15.3 x 2.8" (445 x 390 x 70 mm)

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.