

## 16-Channel NVR

## IP Network Video Recorder, 4TB Storage, 16 Ports PoE





This easy-to-install NVR includes 16 independent PoE network interfaces and will accommodate input from 16 digital cameras, with 4TB of hard drive capacity pre-installed for recording and backup. Features include recording resolution at up to 5MP, 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.

- 16-channel input from ClareVision (and other) IP cameras
- 5 MP (2560×1920) max. recording resolution
- HDMI and VGA output up to 1920 x 1080P
- Easy plug-and-play installation
- Dynamic adjustment of camera encoding parameters
- 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

## **Technical Specifications**

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Video/Audio Input	
IP video input	16 ch
2-way audio input	1 ch, BNC
Network	
Incoming bandwidth	80 Mbps
Outgoing bandwidth	240 Mbps
Video/Audio Output	t and the second second
Recording resolution	5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
CVBS output	1 ch, BNC, resolution: 704×576 (PAL); 704×480 (NTSC)
HDMI output	1-ch, resolution: 1920×1080P, 1600×1200, 1280×1024, 1280×720, 1024×768 @ 60Hz, 1920×1080P @ 50 Hz
VGA output	1 ch, resolution: 1920×1080P, 1600×1200, 1280×1024, 1280×720, 1024×768 @ 60 Hz
Audio output	2 ch, BNC
Playback resolution	5 MP / 3 MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / QCIF
Synchronous playback	16 ch @ 4CIF
Hard Disk	
Installed	4 TB in 2 of 4 SATA interfaces
Available SATA interfaces	2
eSATA interfaces	1
Capacity	Up to 4 TB/HDD
RAID	
Array type	n/a
Arrays/virtual disks	n/a
External Interface	
Network interface	10/100/1000 Mbps
PoE interface	
	16 independent 100 Mbps Ethernet
Serial interface	1 RS232, 1 RS485, 1 kbd RS485
Serial interface USB interface	
	1 RS232, 1 RS485, 1 kbd RS485
USB interface	1 RS232, 1 RS485, 1 kbd RS485 3 × USB 2.0
USB interface Alarm I/O Other Power supply	1 RS232, 1 RS485, 1 kbd RS485 3 × USB 2.0 16/4 100-240 VAC, 50 - 60 Hz, 6.3 A
USB interface Alarm I/O Other	1 RS232, 1 RS485, 1 kbd RS485 3 × USB 2.0 16/4 100-240 VAC, 50 - 60 Hz, 6.3 A 40 W
USB interface Alarm I/O Other Power supply Max. Consumption Working temperature	1 RS232, 1 RS485, 1 kbd RS485 3 × USB 2.0 16/4 100-240 VAC, 50 - 60 Hz, 6.3 A 40 W 14° F - 131° F (-10° C ~ +55° C)
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USB interface Alarm I/O Other Power supply Max. Consumption Working temperature Working humidity	1 RS232, 1 RS485, 1 kbd RS485 3 × USB 2.0 16/4 100-240 VAC, 50 - 60 Hz, 6.3 A 40 W 14° F - 131° F (-10° C ~ +55° C) 10% - 90%



Clare Controls is a provider of intelligent home automation technologies. Our product line includes ClareOS solutions that streamline the integration, management of sophisticated home automation systems, plus several families of specialized point-solution components for forward-thinking integrators. ClareOS products are deployed locally in customer sites and administered remotely via cloud-based technologies that maximize dealer efficiency while providing unprecedented customer control. For more info, visit clarecontrols.com.