



## 8-Channel NVR with 2 TB HDD and PoE

CVP-B8850-02

SIMPLE SETUP USING  
ClareVision+ App



This affordable and easy-to-install 8-channel NVR includes 8 independent PoE ports, and 2 TB of hard drive capacity pre-installed for recording and playback. Features include recording resolution at up to 2 MP, and 8-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 8; 2 MP IP Cameras
- 8 Ports PoE
- 1920x1080 max. recording resolution
- HDMI and VGA output up to 1920x1080P
- Easy plug-and-play installation
- 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	8-channel
2-way audio input	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )

#### Network

Incoming bandwidth	50 Mbps
Outgoing bandwidth	40 Mbps
Remote Connections	128

#### Video/Audio Output

Recording resolution	1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
HDMI output	60 Hz 1920x1080, 1600x1200, 1280x1024, 1280x720, 1024x768
VGA output	60 Hz 1920x1080, 1600x1200, 1280x1024, 1280x720, 1024x768
Audio output	1-ch, RCA (Linear, 1 K $\Omega$ )
Playback resolution	1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	8-ch @ 4CIF / 4-ch @ 720P / 2-ch @ 1080P
Compatibility	ONVIF (Profile S, G), PSIA

#### Hard Disk

Available SATA interfaces	1 Total SATA Interfaces; 1 installed with 2 TB HDD
eSATA interfaces	n/a
Capacity	Up to 4 TB for each HDD

#### External Interface

Network Interface	1 RJ45 10/100 Mbps Ethernet Interface
PoE interface	8 independent 10/100 Mbps Ethernet
PoE Max. Power	100 W
USB interface	2x USB 2.0

#### Other

Power supply	48 VDC
Max. Consumption (without HDD and PoE)	$\leq$ 10 W
Working temperature	14° to 131° F (-10° to 55° C)
Working humidity	10% - 90%
Weight	2.20 lb (1 kg) without HDD
Dimensions	11.2 x 8.3 x 1.8" (285 x 210 x 45 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](http://clarecontrols.com).