

64-Channel NVR

IP Network Video Recorder, 10TB Storage, RAID Support



An ideal solution for HD surveillance and high-capacity storage needs, this high-end NVR will accommodate input from up to 64 digital cameras. 10TB of hard drive capacity is pre-installed for recording and backup, with support for RAID0, RAID1, RAID5, and RAID10 disk management to access and preserve captured video. The system features recording resolutions up to 5MP, HDMI/VGA output up to 1920x1080P, and 16-channel synchronous playback at up to 4CIF. Dynamic adjustment of camera encoding parameters assures high-quality images at critical moments while preserving disk space and network bandwidth.

- 64-channel input from ClareVision (and other) IP cameras
- RAID disk management
- 5 MP (2560x1920) 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
- Requires external PoE switch

Technical Specifications

Video/Audio Input

| | |
|-------------------|-----------|
| IP video input | 64 ch |
| 2-way audio input | 1-ch, BNC |

Network

| | |
|--------------------|--------------------------------------|
| Incoming bandwidth | 160 Mbps |
| Outgoing bandwidth | 160 Mbps / up to 128 network streams |

Video/Audio Output

| | |
|----------------------|--|
| Recording resolution | 5 MP / 3 MP / 1080P / UXGA / 720P / VGA / 4CIF |
| CVBS output | 1 ch, BNC, resolution: 704x576 (PAL); 704x480 (NTSC) |

| | |
|-------------|--|
| HDMI output | 1 ch, resolution: 1920x1080P, 1600x1200, 1280x1024, 1024x768 @ 60 Hz |
|-------------|--|

| | |
|------------|--|
| VGA output | 1 ch, resolution: 1920x1080P, 1600x1200, 1280x1024, 1024x768 @ 60 Hz |
|------------|--|

| | |
|--------------|-----------|
| Audio output | 2 ch, BNC |
|--------------|-----------|

| | |
|---------------------|--|
| Playback resolution | 5 MP / 3 MP / 1080P / UXGA / 720P / VGA / 4CIF |
|---------------------|--|

| | |
|----------------------|--------------|
| Synchronous playback | 16 ch @ 4CIF |
|----------------------|--------------|

Hard Disk

| | |
|-----------|---------------------------------|
| Installed | 10 TB in 5 of 8 SATA interfaces |
|-----------|---------------------------------|

| | |
|---------------------------|---|
| Available SATA interfaces | 3 |
|---------------------------|---|

| | |
|------------------|---|
| eSATA interfaces | 1 |
|------------------|---|

| | |
|----------|----------------|
| Capacity | Up to 4 TB/HDD |
|----------|----------------|

RAID

| | |
|------------|-----------------------------|
| Array type | RAID0, RAID1, RAID5, RAID10 |
|------------|-----------------------------|

| | |
|----------------------|-----|
| Arrays/virtual disks | 4/8 |
|----------------------|-----|

External Interface

| | |
|-------------------|--------------------------|
| Network interface | Dual IP 10/100/1000 Mbps |
|-------------------|--------------------------|

| | |
|---------------|-----|
| PoE interface | n/a |
|---------------|-----|

| | |
|------------------|-------------------------------|
| Serial interface | 1 RS232, 1 RS485, 1 kbd RS485 |
|------------------|-------------------------------|

| | |
|---------------|-------------|
| USB interface | 2 x USB 2.0 |
|---------------|-------------|

| | |
|-----------|------|
| Alarm I/O | 16/4 |
|-----------|------|

Other

| | |
|--------------|--------------------------------|
| Power supply | 100-240 VAC, 50 - 60 Hz, 6.3 A |
|--------------|--------------------------------|

| | |
|------------------|------|
| Max. Consumption | 45 W |
|------------------|------|

| | |
|---------------------|----------------------------------|
| Working temperature | 14° F - 131° F (-10° C ~ +55° C) |
|---------------------|----------------------------------|

| | |
|------------------|-----------|
| Working humidity | 10% - 90% |
|------------------|-----------|

| | |
|---------|-------------------------------|
| Chassis | 19-inch rack mount 2U chassis |
|---------|-------------------------------|

| | |
|--------|-----------------------------|
| Weight | 17.64 lb (8 Kg) without HDD |
|--------|-----------------------------|

| | |
|------------|---|
| Dimensions | 17.5 x 18.5 x 90 in (445 x 470 x 90 mm) (2RU) |
|------------|---|