# DVR 42

## 960H H.264 Digital Video Recorder

H.264 COMPRESSION | 12TB MAX STORAGE | 960H | SMART SEARCH | ezDDNS | START-UP WIZARD | TEXT INSERT | QUICK ARCHIVE | truVision NAVIGATOR | truVision MOBILE | 3 year WARRANTY

## OVERVIEW

The TruVision® DVR 42 (TVR 42) is a cost-effective, full-size digital video recorder with 8 or 16-channel capabilities. It utilizes H.264 video compression technology to deliver real-time recording per channel at an outstanding 960H resolution.

A built-in Web browser and access through mobile apps allows you to stay connected remotely via any Web-enabled device. Login via smartphone or tablet to configure, view, search, play back, archive and monitor facilities, people or valuables. Compatible with TruVision Navigator, the DVR 42 integrates easily with existing systems and features a familiar, user-friendly interface. Start-up Wizards make installation and DDNS setup quick and simple.

With an internal redundant storage feature, up to 12TB of mirrored data is stored on 6 HDDs so video recordings are never lost, even in event of HDD failure. Video can also be archived via CD, DVD, USB memory stick, NAS and eSATA devices. For user-friendly, remote management and reliable, real-time recording, the DVR 42 represents a comprehensive solution to fit your needs and budget.

## STANDARD FEATURES

- Built-in CD/DVD burner
- H.264 compression technology
- 8 or 16-channel real-time recording at 960H resolution
- Mobile apps allow you to connect remotely via smartphone or tablet to keep an eye on facilities, people or valuables
- Redundant storage protects data in event of HDD failure
- Remote management allows you to configure, view, search, play back, archive and monitor health
- Set-up Wizards for quick and easy installation, search and playback
- PTZ and dome camera control via mouse, front panel joystick and IR remote control
- E-mail notification upon alarm with attached images
- Multiple output monitor support (HDMI, VGA, Analog, Spot)
- Fully compatible with TruVision Navigator software
- Integrates easily with existing systems
- Familiar, user-friendly interface
- Camera to HDD assignment for HDD data grouping
- Features up to 12TB internal storage
- Time lapse, event and alarm recording settings
- HDMI or VGA outputs for high-quality local viewing
- Sub-stream recording and playback for low bandwidth situations

# DVR 42

960H H.264 Digital Video Recorder

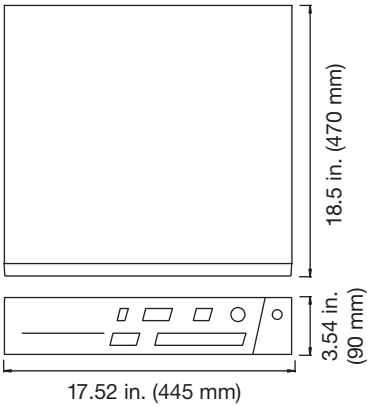
**North America**
T 855-286-8889

**Latin America**
T 561-998-6114

## Specifications

| Model | | TVR4208 | TVR4216 |
|---|---|---|---|
| **Video/Audio Input** | Video Compression | H.264 | |
| | Analog Video Input | 8-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/ NTSC self-adaptive | 16-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/ NTSC self-adaptive |
| | Audio Compression | Ogg Vorbis | |
| | Audio Input | 8-channel, RCA, (2.0 Vp-p, 1 Ω) | 16-channel, RCA, (2.0 Vp-p, 1 Ω) |
| | Two-Way Audio | 1-channel, RCA (2.0 Vp-p, 1Ωk) | |
| **Video/Audio Output** | HDMI Output | 1-channel, resolution: 1920x1080P/60Hz, 1920x1080P/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz | |
| | VGA Output | 1-channel, resolution: 1920x1080P/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz | |
| | Analog Output | 1-channel, BNC, (1.0 Vp-p, 75 Ω) | |
| | Video Spot Output | 1-channel, BNC, (1.0 Vp-p, 75 Ω) | |
| | Video Loop Out | 8-channel | 16-channel |
| | Encoding Resolution | 960H/4CIF/2CIF/CIF/QCIF | |
| | Frame Rate | 25 fps (PAL)/30 fps (NTSC) | |
| | Video Bit Rate | 32Kbps~4096Kbps, or user-defined (Max. 4096Kbps) | |
| | Audio Output | 2-channel, RCA (Linear, 600 Ω) | |
| | Audio Bit Rate | 16Kbps | |
| | Dual-Stream | Sub-stream at CIF/QCIF: 25 fps (PAL)/30 fps (NTSC) | |
| | Stream Type | Video, Video & Audio | |
| | Playback Resolution | 960H/4CIF/2CIF/CIF/QCIF | |
| | Synchronous Playback | 8-channel | 16-channel |
| **Hard Disk** | SATA | (8) SATA interfaces (internal) | |
| | eSATA | (1) eSATA interface | |
| | Capacity | Up to 2TB capacity for each disk | |
| **External Interface** | Network Interface | (1) RJ45 10M/100M/1000M Ethernet Interface | |
| | Serial Interface | (1) RS-232 Interface (for Probridge, Challenger, Technical Support); (1) RS-485 interface (for PTZ control); (1) RS-485 keyboard interface (for KTD405 keyboard control) | |
| | USB Interface | (2) USB 2.0 | |
| | Alarm In | 16 | |
| | Alarm Out | 4 | |
| **General** | Power | 100~240VAC, 6.3A, 50~60Hz | |
| | Consumption (without hard disk or DVD-R/W) | ≤ 40 W | ≤ 45 W |
| | Working Temperature | 14ºF~131ºF (-10ºC~55ºC) | |
| | Working Humidity | 10%~90% | |
| | Chassis | 2U | |
| | Dimensions (W x D x H) | 17.52 x 18.5 x 3.54 in. (445 x 470 x 90mm) | |
| | Weight | ≤ 8 kg (without hard disk or DVD-R/W) | |
| | Rack Mount | Included | |

## Dimensional Diagram




## Ordering Information

| | |
|---|---|
| TVR-4208-2T | TruVision DVR 42, 960H H.264, 8-Channels, DVD/CD, 2TB Storage |
| TVR-4208-4T | TruVision DVR 42, 960H H.264, 8-Channels, DVD/CD, 4TB Storage |
| TVR-4216-2T | TruVision DVR 42, 960H H.264, 16-Channels, DVD/CD, 2TB Storage |
| TVR-4216-4T | TruVision DVR 42, 960H H.264, 16-Channels, DVD/CD, 4TB Storage |
| TVR-4216-8T | TruVision DVR 42, 960H H.264, 16-Channels, DVD/CD, 8TB Storage |
| TVR-4216-12T | TruVision DVR 42, 960H H.264, 16-Channels, DVD/CD, 12TB Storage |

## TruVision® DVR 42 Storage Tables

**16-Channel Models**

| Storage | 30 Days | | | 60 Days | | | 90 Days | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2CIF | 4CIF | 960H | 2CIF | 4CIF | 960H | 2CIF | 4CIF | 960H |
| 2TB HDD | 12 fps | 6 fps | 4 fps | 4 fps | 2 fps | 2 fps | 2 fps | 1 fps | 1 fps |
| 4TB HDD | 30 fps | 16 fps | 15 fps | 12 fps | 6 fps | 4 fps | 6 fps | 2 fps | 1 fps |
| 8TB HDD | 30 fps | 30 fps | 30 fps | 30 fps | 15 fps | 15 fps | 18 fps | 10 fps | 8 fps |
| 12TB HDD | 30 fps | 30 fps | 30 fps | 30 fps | 30 fps | 22 fps | 30 fps | 18 fps | 16 fps |

**8-Channel Models**

| Storage | 30 Days | | | 60 Days | | | 90 Days | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2CIF | 4CIF | 960H | 2CIF | 4CIF | 960H | 2CIF | 4CIF | 960H |
| 2TB HDD | 20 fps | 10 fps | 8 fps | 8 fps | 4 fps | 4 fps | 8 fps | 2 fps | 2 fps |
| 4TB HDD | 30 fps | 22 fps | 22 fps | 30 fps | 16 fps | 16 fps | 18 fps | 10 fps | 10 fps |
| 8TB HDD | 30 fps | 30 fps | 30 fps | 30 fps | 30 fps | 30 fps | 30 fps | 22 fps | 22 fps |

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Specifications subject to change without notice.

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