TVR-4416HD-2T

TruVision DVR 44HD, HD Hybrid, 16 channel, 100% IP, 2TB

Overview

The TruVision DVR 44HD (TVR 44HD) is a full-featured HD Hybrid video recorder capable of recording up to 8 or 16 camera inputs. This HD Hybrid recorder is uniquely qualified to upgrade existing analog installations, offering a competitive, feature-rich and practical solution for the market of HD analog, standard analog and hybrid recorders.

A true HD hybrid

Using the open HD-TVI technology, TVR 44HD can connect any HD-TVI camera, offering HD and Full HD resolutions over existing coax cabling.
Next to HD-TVI, TVR 44HD also connects standard analog cameras, allowing you to reuse existing analog cameras which do not yet need to be replaced/upgraded.
Finally, TVR 44HD is capable of connecting all of its channels on IP, making this a true HD Hybrid series.

Advanced functionality

TVR 44HD represents a full-featured HD-TVI recorder that is designed to reduce setup and installation time while also offering advanced video review and analysis features. This functionality includes: video content analysis (VCA) on two analog channels, support for IP camera VCA, auto-archiving, NAS & eSATA support for additional storage, front panel accessible hard drives for service and expansion, and many more.

HD-TVI technology

HD-TVI allows you to run a Full HD analog signal over existing standard coax cabling, following the same speficiations as for standard analog systems today. Additionally, TVR 44HD allows you to access the local on-screen-display meny of TruVision HD-TVI cameras through over-the-coax control. This saves time in setup and facilitates maintenance afterwards.



Details

- Up to 8/16 cameras (HD-TVI, IP or analog)
- Open HD-TVI technology
- Over-the-coax control for TruVision HD-TVI cameras
- Use existing coax cabling for HD-TVI cameras
- Real-time Full HD recording
- Up to 24 TB of internal storage
- Expandable storage with NAS or eSATA
- Hard drive grouping & mirroring
- Front side accessible hard drives
- Dual stream recording
- Auto-archiving
- VCA for two analog channels
- Text overlay for POS/ATM
- Reverse video playback
- USB archiving
- Start-up wizard for quick and easy installation
- HDMI, VGA and BNC video outputs
- V-stream support
- Front panel controls
- Operations through OSD/browser/software
- TruVision Navigator support
- Mobile app for iOS, Android & Windows Mobile
- ezDDNS
- IP keypad support
- Integration into various Aritech software platforms

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Technical specifications

General

Technology	HD-TVI analog
Operating system	Embedded Linux
Rack mountable	Yes
Rack stacking size	1.5 U
Removable fan	No
Redundant power supply	No

Video / audio input

Camera channels	16
Analog camera channels	16
IP camera channels	16
Max. bandwidth per channel	8
Max. IP audio in	16
Supported video compression standards	H.264, MPEG-4

Local viewing

HDMI output	1
HDMI version	1.4
VGA output	1
BNC output	1
Max. local output resolution	Full HD 1080p
Synchronous playback OSD (channels)	up to 8/16 channels
Reverse playback OSD (channels)	1

Remote viewing

Total available viewing bandwidth	200
Max. live viewing streams	128
Max. playback resolution web browser	1920 x 1080
Max. simultaneous playback web browser	Up to 8 tiles for TVR4408 and 16 tiles for TVR4416, depending on PC performance and network bandwidth
Reverse playback web browser (channels)	Up to 8 tiles for TVR4408 and 16 tiles for TVR4416, depending on PC performance and network bandwidth
Software compatibility	Advisor Management Software (ATS8600), MASterMind, OnGuard, TruPortal
Browser compatibility	Internet Explorer

Storage

Storage capacity	2 TB
SATA interfaces	4
Max. capacity per SATA HDD (TB)	6
Maximum recording resolution	Full HD 1080p
Recording modes	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Dual stream recording (channels)	8
External storage	eSATA, NAS, SAN
Hard drive redundancy	Yes
Hard drive grouping	Yes
Hot swappable HDDs	No
SAS extension	No
Flip-open front panel	Yes
Auto archiving	Yes
Hot spare recorder	No
Edge failover recording	No

Networking

Network interface cards (NIC)	1
NIC type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network ports per NIC	1
DNS support	DDNS, ezDDNS, No-IP
HTTPS support	No

External interfaces

USB interface back	1
USB interface front	2
Serial interface	RS-232, RS-485
Alarm inputs	16
Alarm outputs	4
Max. analog audio outputs	1

Electrical

Operating voltage	100 to 240 VAC
Power consumption	45 W without HDD

Physical

Physical dimensions	442 x 371 x 74 mm
Net weight	less than 8kg without HDD
Colour	Black

Environmental

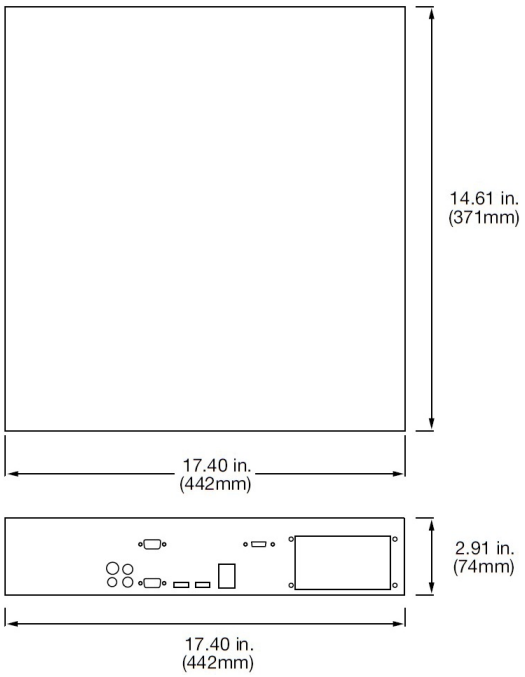
Operating temperature	-10 to +55 °C
Relative humidity	10 to 90% noncondensing

Regulatory

Compliancy	CE, REACH, RoHS, UL

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