TVR-4616-2T

TruVision DVR 46, Hybrid, 16 channel, 2TB

Overview

The TruVision DVR 46 (TVR 46) is a full-featured hybrid video recorder capable of recording up to 16 or 32 camera inputs (depending on the model).
As a true hybrid recorder, the TVR 46 can be used with analog, HD-TVI and IP cameras.
The recorder also supports HD-CVI (up to 4MP) and HD-AHD (up to 5MP) cameras when firmware version 2.1 or higher is used.
This 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.





Open technology with powerful encoding

Using the open HD-TVI technology, TVR 46 can connect to any HD-TVI camera up to 4K (8MP) over existing coax cable.
Next to HD-TVI, TVR46 also connects standard analog cameras and allows you to reuse existing analog cameras that do not yet need to be replaced/upgraded.
Finally, TVR 46 is capable of connecting all of its channels on IP cameras (up to 4K (8MP)), making this is a true HD Hybrid series.
The TVR 46 can use H.264 or H.265 encoding for analog, HD-TVI and IP cameras.
HD-CVI and HD-AHD cameras are supported in H.264 encoding.

Unique intrusion integration

TVR 46 offers free integration with IP intrusion panels (Aritech) for video verification of (alarm) events. Alarm and arming/disarming events are sent from the intrusion panel to the recorder and can trigger actions in the recorder (recording, output control, PTZ control, email) and/or send notifications to TVRMobile or TruVision Navigator. Also the communication between recorder and panel is monitored.

Why TVR 46?

The TVR46 recorder series offers a full-featured, flexible hybrid recording solution that is ideal for (gradually) migrating an old analog video system to a modern high resolution video system.

Applications

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Details

- Linux embedded Plug and Play configuration
- Supports standard analog, HD-TVI, HD-CVI, HD-AHD and IP cameras
- Up to 16 cameras (HD-TVI/HD-CVI/HD-AHD, IP or analog)
- Up to 16 IP cameras (when disabling all analog channels)
- Up to 4K (8 MP) HD-TVI and IP camera support. HD-CVI: up to 4MP and HD-AHD: up to 5MP.
- Support for ONVIF Profile S IP cameras
- Over-the-coax control for setup or PTZ control of TruVision HD-TVI cameras
- Use existing coax cabling for HD-TVI cameras
- Real-time Full HD recording
- Up to 32 TB of internal storage
- Hard drive grouping and RAID support (0,1, 5, 6, 10)
- Expandable storage: internally (depending on the model) and via NAS
- Start-up wizard for quick and easy installation
- HDMI, VGA and BNC (event only) video outputs
- Operations through OSD/browser/software
- Integration of Aritech IP intrusion panels via SIA/XSIA reporting
- Supported by TruVision Navigator license-free client/host or standalone application
- TVRmobile app for iOS and Android
- Integration into various Aritech software platforms

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Technical specifications

General

Technology	Analog, HD-TVI analog, IP
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 (with all analog channels disabled)
Max. bandwidth per channel	No limitation per channel
Camera bandwidth	260 Mbps (combined in/out)
Audio compression	G.711
Max. IP audio in	16
Max. analog audio In	4
Supported video compression standards	H.264, H.265
Supported video streaming standards	Onvif

Local viewing

HDMI output	2
HDMI version	1.4
VGA output	1
BNC output	1
Max. local output resolution	4K
Synchronous playback OSD (channels)	16
Reverse playback OSD (channels)	1

Remote viewing

Total available viewing bandwidth	Combined in and out bandwidth of 260 Mbps
Max. live viewing streams	128
Software compatibility	Advisor Management Software (ATS8600), OnGuard, TruVision Navigator, TVRmobile
Browser compatibility	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

Storage

Storage capacity	2 TB
SATA interfaces	4
Max. capacity per SATA HDD (TB)	8
Maximum recording resolution	4 K
Recording modes	Alarm, Event, Manual, Time-lapse high, Time-lapse low
External storage	NAS, SAN
Supported RAID levels	RAID 0, RAID 1, RAID 10, RAID 5, RAID 6
Hard drive redundancy	Yes
Hard drive grouping	Yes
Hot swappable HDDs	No
Flip-open front panel	Yes
Auto archiving	Yes
Hot spare recorder	No
Edge failover recording	No

Networking

Network interface cards (NIC)	2
NIC type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
NIC mode	Multi-address Mode, Network Redundancy
Network ports per NIC	1
DNS support	DDNS, ezDDNS, No-IP
HTTPS support	Yes

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	2

Electrical

Operating voltage	100 to 240 VAC
Power consumption	≤ 65 W without HDD

Physical

Physical dimensions	442 x 460 x 70 mm (W x D x H)
Net weight	7.7 kg
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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