

# TVR-4616-2T

## TruVision DVR 46, Hybrid, 16 kanaler, 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.

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 (8Mpx) 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 (8Mpx)), 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.

### Unique intrusion integration

TVR 46 offers free integration with IP intrusion panels (Carrier) 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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### Detaljer

- Linux embedded Plug and Play configuration
- Supports standard analog, HD-TVI and IP cameras
- Up to 16 cameras (HD-TVI, IP or analog)
- Up to 16 IP cameras (when disabling all analog channels)
- Up to 4K (8 MPX) HD-TVI and IP camera support
- 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 Carrier 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 Carrier software platforms

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### Tekniske specifikationer

#### Generelt

Teknologi	Analog, HD-TVI-analog, IP
Operativ system	Embedded Linux
Kan monteres på stativ	Ja
Rackstørrelse	1.5 U
Aftagelig blæser	Nej
Redundant strømforsyning	Nej

#### Video / audio input

Kamerakanaler	16
Analoge kamerakanaler	16
Edge failover-optagelse	16 (with all analog channels disabled)
Maks. båndbredde pr. kanal	No limitation per channel
Lydkomprimering	G.711
Maks. IP-lyd ind	16
Max. analoge audio-in	4
Understøttede videokomprimeringsstandarder	H.264, H.265
Understøttede standarder for videostreaming	Onvif

#### Lokal visning

HDMI-udgang	2
HDMI-version	1.4
VGA-udgang	1
BNC output	1
Maks. lokal outputopløsning	4K
OSD for synkron afspilning (kanaler)	16
Omvendt afspilning OSD (kanaler)	1

#### Fjernvisning

Total tilgængelig båndbredde	Combined in and out bandwidth of 260 Mbps
Maks. livestreams	128
Softwarekompatibilitet	Advisor Management Software (ATS8600), OnGuard, TruVision Navigator, TVRmobile
Browser kompatibilitet	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

#### Opbevaring

Opbevaringskapacitet	2 TB
SATA-grænseflader	4
Maks. kapacitet pr. HDD (TB)	8
Maksimal optagelsesopløsning	4 K
Optagelsestilstande	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Ekstern lagring	NAS, SAN
Understøttede RAID-niveauer	RAID 0, RAID 1, RAID 10, RAID 5, RAID 6
Harddiskredundans	Ja
Harddiskgruppering	Ja
Hot-swap-harddiske	Nej
Flip-open frontpanel	Ja
Automatisk arkivering	Ja
Hot reserveoptager	Nej
Edge failover-optagelse	Nej

#### Netværk

Netværksinterfacekort (NIC)	2
NIC-type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
NIC-tilstand	Multi-address Mode, Network Redundancy
Netværksporte pr. NIC	1
DNS-support	DDNS, ezDDNS, Ingen IP
HTTPS support	Ja

#### Ekstern interface

USB-grensesnitt tilbage	1
USB-grensesnitt foran	2
Seriell grænseflade	RS-232, RS-485
Alarmindgange	16
Alarmuitgangen	4
Maks. analoge lydudgange	2

#### Elektrisk

Driftsspænding	100 to 240 VAC
Strømforsøg	≤ 65 W without HDD

#### Fysisk

Fysiske dimensioner	432 x 381 x 51 mm
Nettovægt	7.7 kg
Farve	Sort

#### Miljø

Driftstemperatur	-10 to +55 °C
Relativ luftfugtighed	10 to 90% noncondensing

#### Regulerende

Overholdelse	CE, REACH, RoHS, UL
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