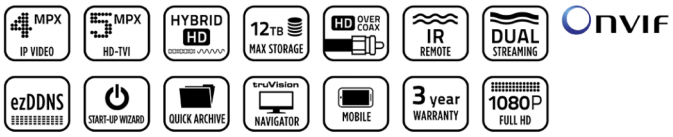
TVR-1516HD-2T

TruVision™ DVR 15 HD, HD-TVI Hybrid 16 channel recorder, 2TB

Overview

The TruVision DVR 15HD (TVR 15HD) is a cost-effective 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 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 15HD can connect any HD-TVI camera, offering resolutions up to 5 MPX over existing coax cable. The 5 MPX cameras can be used on max. 1/4th of the channels.
Next to HD-TVI, TVR 15HD also connects standard analog cameras, allowing reuse of existing analog cameras which do not yet need to be replaced/upgraded.
Finally, TVR 15HD is capable of connecting TruVision IP cameras to all its channels. The IP cameras can have a resolution of up to 4 MPX.

HD-TVI technology

HD-TVI allows you to run an analog signal (up to 5 Mpx) over existing standard coax cabling, following the same specifications as for standard analog systems today. Additionally, TVR 15HD allows you to access the local on-screen-display menu of TruVision HD-TVI cameras through over-the-coax control. This saves time in setup and facilitates maintenance afterwards. Also TruVision HD-TVI PTZ cameras can be controlled over the coax.

Intrusion integration

TVR 15HD has an alarm receiver module embedded inside. The alarm message receiver can connect to up to three Interlogix IP intrusion panels that report in SIA or XSIA format. Alarm messages, disarming and arming messages can be send from the alarm panel to the recorder, which then can take actions (trigger alarm recording, send a PTZ to a preset, run a shadow tour or preset tour, trigger an alarm output, send an email or send a notification message to TVRmobile). Also the heartbeat message between panel and recorder is monitored. This solution offers straightforward alarm verification and is free of charge.

Details

- Linux embedded Plug and Play configuration
- Supports standard analog,HD-TVI and IP technology
- Up to 16 analog cameras
- Up to 16 IP cameras (when disabling all analog channels)
- Up to 5 MPX HD-TVI camera support (on max. 1/4th of the channels)
- Up to 4 Mpx IP camera support
- Support for ONVIF Profile S IP cameras
- Over-the-coax control for TruVision fixed/PTZ HD-TVI cameras
- Use existing coax cabling for HD-TVI cameras
- New icon based front panel
- Real time Full HD recording
- Up to 8 TB internal storage
- Reverse video playback
- USB video export
- Start-up wizard for quick and easy installation
- HDMI, VGA and BNC video (event only) outputs
- V-stream support
- Front panel controls
- Operations through OSD/browser/software
- Integration of Aritech IP intrusion panels via SIA/XSIA reporting
- TruVision Navigator license-free client/host or standalone application
- TVRmobile app for iOS and Android
- IP Keypad support

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Technical specifications

General

Technology	Analog, HD-TVI analog, IP
Operating system	Embedded Linux
Rack mountable	Yes
Rack stacking size	1 U

Video / audio input

Camera channels	16
Analog camera channels	16
IP camera channels	16 (with all analog channels disabled)
Max. bandwidth per channel	Analog: Up to 8 Mbps (main stream)/Up to 3Mbps (sub stream) IP: follow capacity of IP camera but will not exceed 16 Mbps
Camera bandwidth	128 Mbps (combined in/out)
Audio compression	G.711
Max. analog audio In	4-ch, RCA (2.0 Vp-p, 1 KOhm)
Supported video compression standards	H.264
Supported video streaming standards	Onvif

Local viewing

HDMI output	1
HDMI version	2.0
VGA output	1
BNC output	1
Max. local output resolution	Full HD 1080p
Synchronous playback OSD (channels)	Up to 16 channels
Reverse playback OSD (channels)	Up to 1 channel

Remote viewing

Total available viewing bandwidth	128 Mbps (combined in/out)
Max. live viewing streams	128
Max. playback resolution web browser	Up to Full HD
Max. simultaneous playback web browser	Up to 16 channels
Browser compatibility	Internet Explorer

Storage

Storage capacity	2 TB
SATA interfaces	2
Maximum recording resolution	4 MP (IP), 5 MP (HD-TVI)
Recording modes	Alarm, Event, Manual, Time-lapse high, Time-lapse low

Networking

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

External interfaces

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

Electrical

Power supply value	12 VDC (External PSU included)
Power consumption without HDD (W)	Less than 20 W

Physical

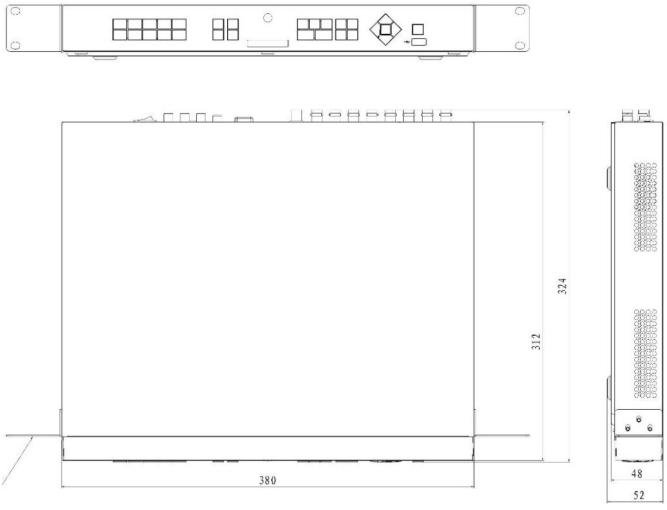
Physical dimensions	380 x 320 x 48 mm (W x D x H)
Colour	Black

Environmental

Operating temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)
Relative humidity	10% to 90%

Regulatory

Compliancy	CE, REACH, RoHS, UL



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Last updated on 29 June 2026 - 15:41