

# TVR-1508HD-2T

## TruVision™ DVR 15 HD, HD-TVI Hybrid 8 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.

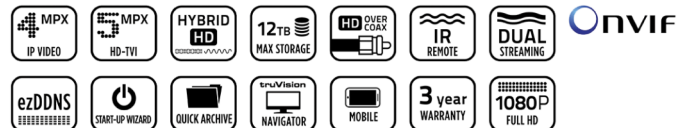
Finally, TVR 15HD is capable of connecting TruVision IP cameras to all its channels. The IP cameras can have a resolution of up to 4 MPX.

### 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 sent 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 8 analog cameras
- Up to 8 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 Carrier 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                       | 8                                                                                                                        |
| Analog camera channels                | 8                                                                                                                        |
| IP camera channels                    | 8 (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 8 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 8 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              | 8              |
| 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

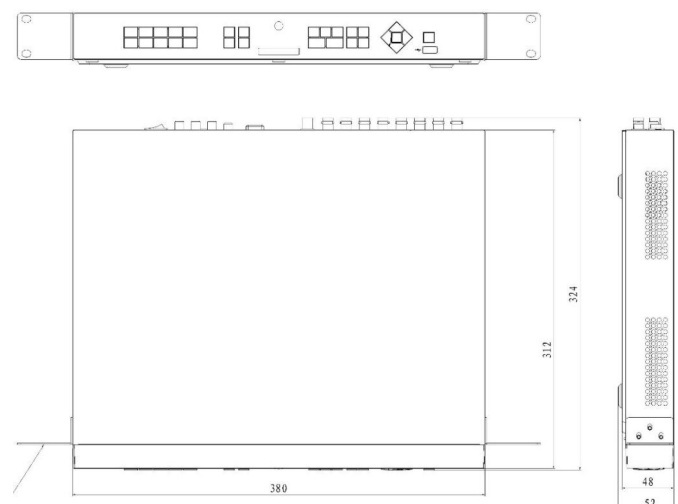
|                     |                               |
|---------------------|-------------------------------|
| Physical dimensions | 380 x 320 x 48 mm (W x D x H) |
| Colour              | Black                         |

#### Environmental

|                       |                                    |
|-----------------------|------------------------------------|
| Operating temperature | -10 °C to +55 °C (14 °F to 131 °F) |
| Relative humidity     | 10% to 90%                         |

#### Regulatory

|            |                     |
|------------|---------------------|
| Compliance | CE, REACH, RoHS, UL |
|------------|---------------------|



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