TVR-1608-2T
TruVision™ DVR 16, HD-TVI Hybrid 8 channel recorder, 2TB

Why the TVR 16?

The TVR 16 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.
The TVR-1608 is a cost-effective recorder capable of recording up to 8 cameras.
As a true hybrid recorder, the TVR 16 can be used with analog, HD-TVI and IP cameras.
The recorder also supports HD-CVI (up to 4 MP) and HD-AHD (up to 5 MP) 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 1608 can connect to any HD-TVI camera up to 8 MP (4K) over existing coax cable.
As well as HD-TVI, TVR 16 also connects standard analog cameras and allows you to reuse existing analog cameras that do not yet need to be replaced/upgraded.
Finally, TVR 16 is capable of connecting all of its channels on IP cameras (up to 4K (8 MP)), making this is a true HD Hybrid series.
The TVR 16 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 16 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. The communication between recorder and panel is also monitored.

Applications

The TVR 16 is suited for upgrading small sized analog video systems in (commercial) applications (residential, small offices, small shops) where high quality video is important without expensive cable costs.

Details

- Linux embedded Plug and Play configuration
- Supports standard analog, HD-TVI, HD-AHD, HD-CVI and IP technology
- Up to 8 analog cameras or up to 8 IP cameras (when disabling all analog channels)
- Up to 8 MP (4K) HD-TVI and 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, HD-AHD and HD-CVI cameras
- Real time Full HD recording
- Supports dual stream recording on all channels
- Up to 4 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

Generale

Sistema operativo	Embedded Linux
Si può installare su rack	Si
Rack stacking size	1 U

Ingresso audio/video

Canali telecamera	8
Canali telecamera analogica	8
IP camera channels	8 (with all analog channels disabled)
Max. bandwidth per channel	Analog: Up to 8 Mbps (main stream)/Up to 3 Mbps (sub stream) IP: follow capacity of IP camera but will not exceed 16 Mbps
Larghezza di banda telecamera	128 Mbps (combined in/out)
Compressione audio	G.711
Max. analog audio In	4-ch, RCA (2.0 Vp-p, 1 kOhm)
Stadards di compressione video supportati	H.264, H.265
Standards di video streaming supportati	Onvif

Visione locale

HDMI output	1
HDMI version	1.4
Uscita VGA	1
Uscita BNC	1
Max. risoluzione uscita locale	Full HD 1080p
Synchronous playback OSD (channels)	Up to 8 channels
Reverse playback OSD (channels)	Up to 1 channel

Vista da remoto

Larghezza di banda totale disponibile	128 Mbps (combined in/out)
Max. visualizzazioni live stream	128
Max. playback web browser simultanei	Up to 8 channels
Compatibilità browser	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

Memoria

Capacità di immagazzinamento	2 TB
Interfacce SATA	2
Massima risoluzione di registrazione	4 K / 8 MPX (HD-TVI), 4 K / 8 MPX (IP), 4 MPX (HD-CVI), 5 MPX (HD-AHD)
Modalità di registrazione	Allarme, Eventi, Manuale, Time-lapse high, Time-lapse low
Registrazione dual stream (canali)	All channels

Networking

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

Interfaccia esterna

Interfaccia USB posteriore	1
Interfaccia USSB frontale	1
Interfaccia Seriale	RS-232, RS-485
Ingresso di allarme	8
Uscita di allarme	4
Max. analog audio outputs	1

Elettrico

Valore di alimentazione	12 VDC (external PSU included)
Potenza assorbita senza HDD (W)	Less than 20 W

Fisico

Dimensioni fisiche	380 x 320 x 48 mm (W x D x H)
Colore	Nero

Ambientale

Temperatura operativa	-10 to +55ºC (14ºF to 131ºF)
Umidità relativa	10 to 90%

Standard e norme

Conformità	CE, REACH, RoHS, UL