

HIKVISION

TURBOHD TRIBRID SYSTEM

The launch of Hikvision's TurboHD solution marks the dawn of a new era: Supporting full HD video transmission via coaxial cable and providing Tribrid compatibility, this revolutionary technology represents a real breakthrough in the evolution of analog transmission. The TurboHD product family includes a comprehensive range of Full HD cameras and DVRs that offer seamless compatibility with all video formats, from analog to HDTV and IP Megapixel.

HIKVISION HAS TURBO-CHARGED ANALOG TRANSMISSION - SO FASTEN YOUR SEATBELTS!



First Choice for Security Professionals

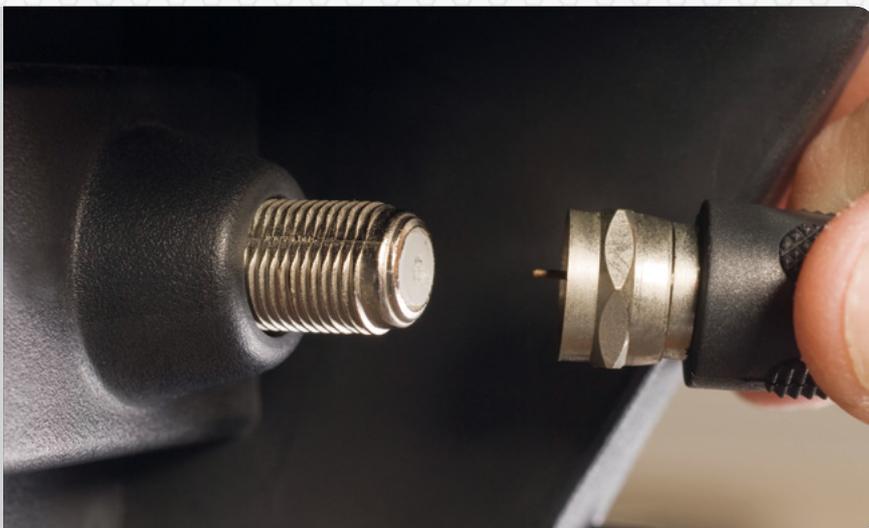
TURBOHD: Full HD/1080P over Coax up to 500 m

HDTV (High Definition Transport Video Interface) is a new technology that allows analog video transmission with 1080P resolution at distances of up to 500 meters via coaxial cable or 200 meters via twisted pair cable. The HDTV standard uses a low-frequency signal that offers superior performance in terms of immunity to electromagnetic interference, and footage can be viewed in megapixel resolution with no delay because there's no compression of the video stream. TurboHD technology is ideal for upgrading existing analog systems to HD because it protects investment in existing infrastructure. Wiring doesn't need to be replaced.



TURBOHD: Plug & Play Over Coax

Remote OSD menu control and PTZ control of Speed Domes have never been this easy! Hikvision's TurboHD solution supports UTC for remote set-up and configuration. Since video signals and data can be transmitted through the same coaxial cable, no additional cables (RS485) are required and everything is automatically connected through Plug & Play technology. The cameras in the TurboHD series offer both standard analog and HD connectivity and can be integrated into any kind of setup, new or existing. That all translates into exceptional flexibility and ease of installation compared to conventional analog systems, allowing users to benefit from superior HD image quality without increasing costs.



TURBOHD: Tribrid Capability

The Hikvision TurboHD line offers Tribrid capability – a true revolution in the professional surveillance market. TurboHD DVRs can process video signals from analog, HDTV, CIF, WD, and IP megapixel cameras and allow for the seamless integration of different technologies, and thanks to autosensing technology, it's all automatic and installation is a breeze.

Now users can upgrade their systems to enjoy 1080P image quality without replacing their current wiring, making TurboHD DVRs the definitive solution for back end requirements.



HDTVI: The Benefits of Open Technology



At Hikvision, we are committed to making versatile products that can adapt flexibly to changing needs, and as video technology continues to evolve, we are always working on new solutions that offer more extensive compatibility. That's why we based our TurboHD products on HDTVI technology, an open standard that enables different products and technologies to be integrated into a single system. This is a huge advantage in terms of system scalability, customers can simply incorporate the latest generation of HD products into their existing set-up.

Smart: Intelligent Security



Smart Line Crossing Detection - Smart Intrusion Detection

Equipped with a range of sophisticated Smart Features that allow them to optimize the transmission and storage of video streams and reliably detect security threats while reducing the number of false alarms to almost zero, Hikvision TurboHD DVRs are redefining the very concept of video surveillance .

Smart Codec

By focusing on key areas, Smart Codec technology enables our cameras to deliver exceptionally sharp images where it counts, while also easing the storage burden on the system.

Smart Flow Control

Smart Flow Control continuously monitors the quality of the data stream to ensure optimal encoding and delivery for remote display of footage.

Smart Intrusion Detection

When an intrusion is detected in a designated area, the DVR can generate an alarm that triggers a predetermined response, such as setting off local recording of events or sending a push notification.

Smart Line Crossing Detection

When one or more predefined lines are crossed, the DVR can generate an alarm that triggers a predetermined response, such as setting off local recording of events or sending a push notification.

Smart Video Quality Detection

If any anomalies in image quality are detected, the DVR sets off an alarm that triggers a predetermined event, such as sending out a technical notification via e-mail.

Smart Video Quality Detection



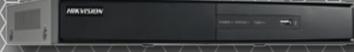
IN FOCUS

OUT OF FOCUS

Product Range

DS-7204(08-16)HGHI-SH/A

Full HD 1080p non real-time - HD 720p real-time DVR



- 4/8/16-ch HDTVl
- Analog/HD-SDI/HDTVl/IP Tribrid System
- HDTVl/analog Autosensing
- Real-time recording in 1280x720p on all channels
- HDMI and VGA up to 1920x1080P
- Transmission over up to 500 meters via coaxial cable and over 200 meters via twisted pair cable
- Alarm 4 in - 2 out (7204), 8 in - 4 out (7208), 16 in - 4 out (7216)
- 1 SATA max. 4TB (7204-08), 2 SATA max. 4TB (7216), 2 USB2.0

DS-7204(08)HQHI-SH/A

Full HD 1080p real-time DVR



- 4/8-ch HDTVl
- Analog/HD-SDI/HDTVl/IP Tribrid System
- HDTVl/analog autosensing
- Real-time recording in 1920x1080P on all channels
- HDMI and VGA up to 1920x1080P
- Transmission over up to 500 meters via coaxial cable and over 200 meters via twisted pair cable
- Alarm 4 in - 1 out (7204), 8 in - 4 out (7208)
- 1 SATA max. 4TB (7204), 2 SATA max. 4TB (7208), 2 x USB2.0

TURBOHD

DS-7304(08-16)HQHI-SH

Full HD 1080p real-time DVR



- 4/8/16-ch HDTVl
- Analog/HD-SDI/HDTVl/IP Tribrid System
- HDTVl/analog autosensing
- Real-time recording in 1920x1080P on all channels
- HDMI and VGA up to 1920x1080P
- Transmission over up to 500 meters via coaxial cable and over 200 meters via twisted pair cable
- 10/100/1000 Mbps Ethernet
- Alarm 16 in - 4 out
- 4 SATA max. 4TB, 1 eSATA, 3 USB2.0

DS-2CE16D5T-IR

Full HD 1080p Bullet Camera



- HD 1080p video output
- Composite video output: 75 ohm BNC
- 2.8mm lens
- HDTVl technology
- ICR True Day/Night
- WDR 120dB
- Smart IR 20m
- OSD control via coaxial cable
- 12VDC power input; IP66, outdoor

DS-2CE16D5T-IT3

Full HD 1080p Bullet Camera



EXIR

- HD 1080P video output
- Composite video output: 75 ohm BNC
- 3.6mm lens (6mm optional)
- HDTVl technology
- ICR True Day/Night
- Exir Smart IR 40m
- OSD control via coaxial cable
- 12VDC power input; IP66, outdoor

DS-2CE16D5T-AVFI3

Full HD 1080p Bullet Camera Vari-focal



EXIR

- HD 1080P video output
- Composite video output: 75 ohm BNC
- 2.8-12mm vari-focal lens
- HDTVl technology
- ICR True Day/Night
- WDR 120dB
- Exir Smart IR 50m
- OSD control via coaxial cable
- Double power input 12VDC 24 VAC; IP66, outdoor

DS-2CE56D5T-IRM

Full HD 1080p Eyeball Camera



- HD 1080P video output
- Composite video output: 75 ohm BNC
- 2.8mm lens
- HDTVl technology
- ICR True Day/Night
- WDR 120dB
- Smart IR 20m
- OSD control via coaxial cable
- 12VDC power input; IP66, outdoor

DS-2CE56D5T-IT3

Full HD 1080p Turret Camera



EXIR

- HD 1080P video output
- Composite video output: 75 ohm BNC
- 3.6mm lens (6mm optional)
- HDTVl technology
- ICR True Day/Night
- Exir Smart IR 40m
- OSD control via coaxial cable
- 12VDC power input; IP66, outdoor

DS-2CE56D5T-VFI3

Full HD 1080p Turret Camera Vari-focal



EXIR

- HD 1080P video output
- Composite video output: 75 ohm BNC
- 2.8-12mm vari-focal lens
- HDTVl technology
- ICR True Day/Night
- Exir Smart IR 50m
- OSD control via coaxial cable
- 12VDC power input; IP66, outdoor

DS-2CE56D5T-AVPI3

Full HD 1080p Mini Dome Vari-focal



- HD 1080P video output
- Composite video output: 75 ohm BNC
- 2.8-12mm lens
- HDTVl technology
- ICR True Day/Night
- Smart IR 40m
- OSD control via coaxial cable
- Double power input 12VDC 24 VAC; IP66, outdoor; vandal-proof

DS-2AE5223(30)TI-A(3)

Full HD 1080p Speed Dome



- HD 1080P video output
- Composite video output: 75 ohm BNC
- 4-92mm lens 23x (5223), 4-120mm lens 30x (5230)
- HDTVl technology
- ICR True Day/Night
- OSD and PTZ control via coaxial cable
- 3D intelligent positioning
- 24VAC power input; IP66, outdoor; interior or flush (3)

DS-2AE7223(30)TI-A

Full HD 1080p Speed Dome



- HD 1080P video output
- Composite video output: 75 ohm BNC
- 4-92mm lens 23x (7223), 4-120mm lens 30x (7230)
- HDTVl technology
- ICR True Day/Night
- Smart IR 120 m
- OSD and PTZ control via coaxial cable
- 3D intelligent positioning
- 24VAC power input; IP66, outdoor



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