TVT

HD TVI

TVT launches TVI

- A new HD over coax solution

- 1080P/720P over coaxial cable
- Up to 500M transmission
- Open platform for 3rd party compatibility
- Tribrid DVR for HD TVI/Analog/IP

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HD TVI

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What is TVI?

HD TVI is a technology based on coaxial cable, supporting HD video (1080P/720P) transmission over long distance.

H: high

D: defination

T: transport

V: video

I: interface

1080P/720P over coaxial cable

HD TVI technology provides 2 video resolutions: 1080P (1920 x 1080) /720P (1280x720) and transmits uncompressed HD video signal over coaxial cable.

Up to 500M transmission distance

TVT's HD TVI solution can transmit up to 500m distance which can not be achieved by other solutions, neither analog solution, nor HD SDI solution.

Open platform for 3rd party compatibility

TVI comes from a neutral chipsetvendor.User can freely choose their TVI suppliers due to the wide-range of supply chains for TVI on the market. As an open solution,TVI is a future-proof technology,which has high interoperability and compatibility with 3rd party devices.

Tribrid DVR for combining HD TVI, Analog,IP signal

DVR can connect to HD TVI camera,analog camera and IP camera at the same time and can automatically detect the incoming signal and records accordingly.

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HD TVI VS ANALOG

	HD TVI	Analog
Video Resolution	720P/1080P	960H , 700TVL
720P specification supported (FPS)	25(PAL)/30(NTSC) 50(PAL)/60(NTSC)	N/A
1080P specification supported (FPS)	25(PAL)/30(NTSC)	N/A
DVR could mix up 720P&1080P signal at the same time	YES	N/A

HD TVI VS HD CVI

	HD TVI	HD CVI
Video Resolution	720P/1080P	720P/1080P
Coaxial cable distance	300/500m	300/500m
720P specification supported (FPS)	25(PAL)/30(NTSC) 50(PAL)/60(NTSC)	25(PAL)/30(NTSC) 50(PAL)/60(NTSC)
1080P specification supported (FPS)	25(PAL)/30(NTSC)	25(PAL)/30(NTSC)
Chipset solution vendor	Third party chipset	Dahua （exclusive solution）

HD TVI VS HD SDI

	HD TVI	HD SDI
Video Resolution	720P/1080P	720P/1080P
Video quality loss	No	No
Transmit delay	No	No
Transmit distance	Max 500m	Max 150m
Coaxial cable cost	Low	High
Unit cost	Low	High

HD TVI VS IP

	HD TVI	IP
Video Resolution	720P/1080P	720P/1080P/Higher
Video compression	No	Yes
Transmit distance	Max.500m	100m (PoE)
Transmit delay	No	Yes
Video quality loss	No	Yes
Configuration	Easy	Complicated
Cost	Low	High

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TD-7421TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7422TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 20-30m IR range
- Fixed Lens 6mm (or 4/8mm)

TD-7423TM/TD-7423TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 30-50m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 8mm (or 6/12mm)

TD-7424TM

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 50-70m IR range
- Varifocal lens 9-22mm; Fixed lens 12mm (or 8/16mm)

TD-7425TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 20-30m IR range
- Fixed Lens 6mm (or 3.6/8mm)

TD-7426TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 30-50m IR range
- Fixed Lens 8mm (or 6/12mm)

TD-7427TM

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 30-50m IR range
- Varifocal lens 2.8-12mm; Fixed lens 8mm (or 6/12mm)

TD-7427TE

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 70-100m IR range
- Fixed Lens 8mm (or 6/12mm)

TD-7428TM

1080P TVI IR-bullet camera

- 1920*1080@30fps
- 70-100m IR range
- Varifocal lens 9-22mm; Fixed lens 16mm (or 12/25mm)

TD-7521TE

1080P TVI IR-dome camera

- 1920*1080@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

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TD-7523TM/TD-7523TE

1080P TVI IR-dome camera

- 1920*1080@30fps
- 20-30m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 6mm (or 4/8mm)

TD-7524TE

1080P TVI IR-dome camera

- 1920*1080@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7525TE

1080P TVI IR-dome camera

- 1920*1080@30fps
- 20-30m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 6mm (or 4/8mm)

TD-7526TE

1080P TVI IR-dome camera

- 1920*1080@30fps
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7411TE/TD-7411TS

720P TVI IR-bullet camera

- 1280*720@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7412TE

720P TVI IR-bullet camera

- 1280*720@30fps
- 20-30m IR range
- Fixed Lens 6mm (or 3.6/8mm)

TD-7413TE

720P TVI IR-bullet camera

- 1280*720@30fps
- 30-50m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 8mm (or 6/12mm)

TD-7415TE/TD-7415TS

720P TVI IR-bullet camera

- 1280*720@30fps
- 10-20m IR range
- Fixed Lens 6mm (or 3.6/8mm)

TD-7416TE

720P TVI IR-bullet camera

- 1280*720@30fps
- 30-50m IR range
- Fixed Lens 8mm (or 6/12mm)

TD-7417TE

720P TVI IR-bullet camera

- 1280*720@30fps
- 70-100m IR range
- Fixed Lens 8mm (or 6/12mm)

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TD-7511TE/TD-7511TS

720P TVI IR-dome camera

- 1280*720@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7513TE

720P TVI IR-dome camera

- 1280*720@30fps
- 20-30m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 6mm (or 4/8mm)

TD-7514TE/TD-7514TS

720P TVI IR-dome camera

- 1280*720@30fps
- 10-20m IR range
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7515TE

720P TVI IR-dome camera

- 1280*720@30fps
- 20-30m IR range
- Varifocal Lens 2.8-12mm; Fixed Lens 6mm (or 4/8mm)

TD-7516TS

720P TVI dome camera

- 1280*720@30fps
- Fixed Lens 3.6mm (or 2.8/6mm)

TD-7622TM

1080P TVI high speed dome

- 1/3 CMOS 1080P@30fps HD-TVI output
- 20/22 X Zoom optional
- Max.speed up to 400°/s
- 100-120m IR range
- Intelligent 3D positioning

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TD2704TS-S

4CH 720P TVI mini 1U DVR

- 4CH TVI input
- 1CH audio input
- 4/CH 720P@30FPS
- 4CH playback
- Mini 1U case, SATA x 1

Model:
TD2704TS-S

TD2700TS-PL

4/8/16CH 1080P TVI mini 1U DVR

- 4/8/16CH TVI input
- 4CH audio input
- 4/8/16CH 1080P@15FPS or 720P@30FPS
- 4/8/8CH playback
- Mini 1U case, SATA x 1

Model:
TD2704TS-PL
TD2708TS-PL
TD2716TS-PL

TD2700TE-PL

4/8/16CH 1080P TVI 1U DVR

- 4/8/16CH TVI input
- 1CH audio input
- 4/8/16CH 1080P@15FPS or 720P@30FPS
- 4/8/8CH playback
- 1U case, SATA x 2

Model:
TD2704TE-PL
TD2708TE-PL
TD2716TE-PL

TD2700TD-P

8/16CH 1080P TVI 2U DVR

- 8/16CH TVI input
- 8/16CH audio input
- 8/16CH 1080P@30FPS real time recording
- 8CH playback
- 2U case, SATA x8

Model:
TD2708TD-P
TD2716TD-P

TD2700TD-PL

8/16CH 1080P TVI 2U DVR

- 8/16CH TVI input
- 8/16CH audio input
- 8/16CH 1080P@15FPS or 720P@30FPS real time recording
- 8CH playback
- 2U case, SATA x8

Model:
TD2708TD-PL
TD2716TD-PL