



Video Solutions for Security Professional

TVI Technology

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LTS Product & Marketing Team



TVI Technology

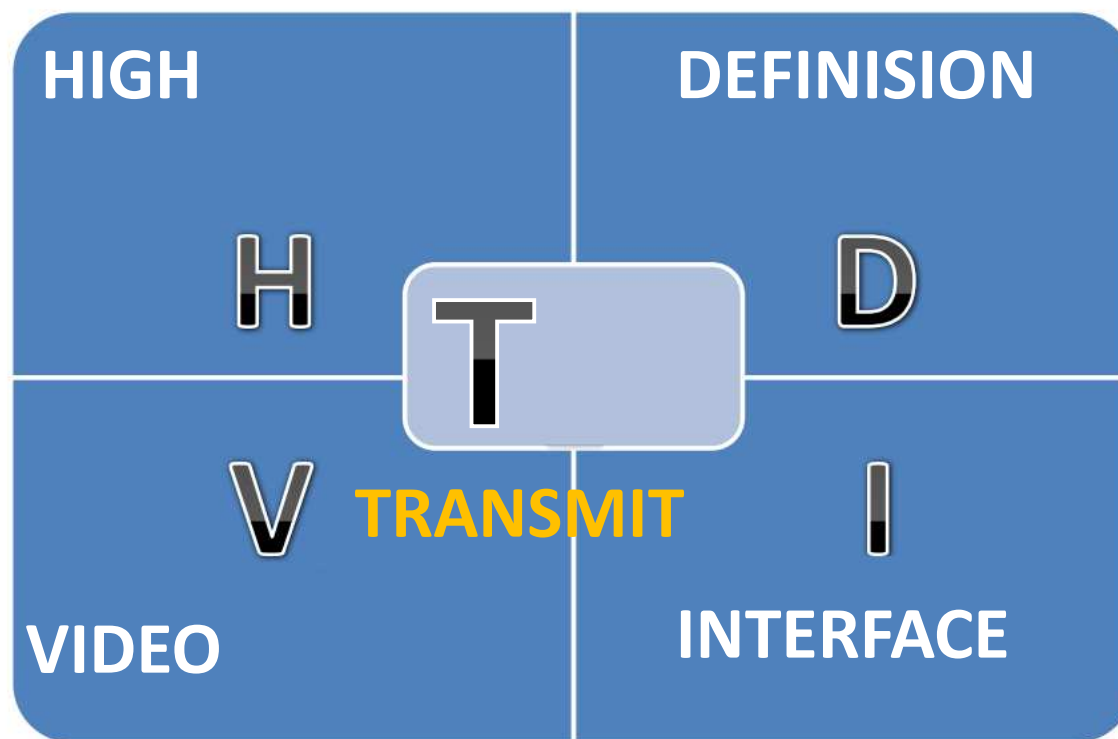
- TVI Comparison
- Application Highlight
- Product Information
- Q & A

What is TVI



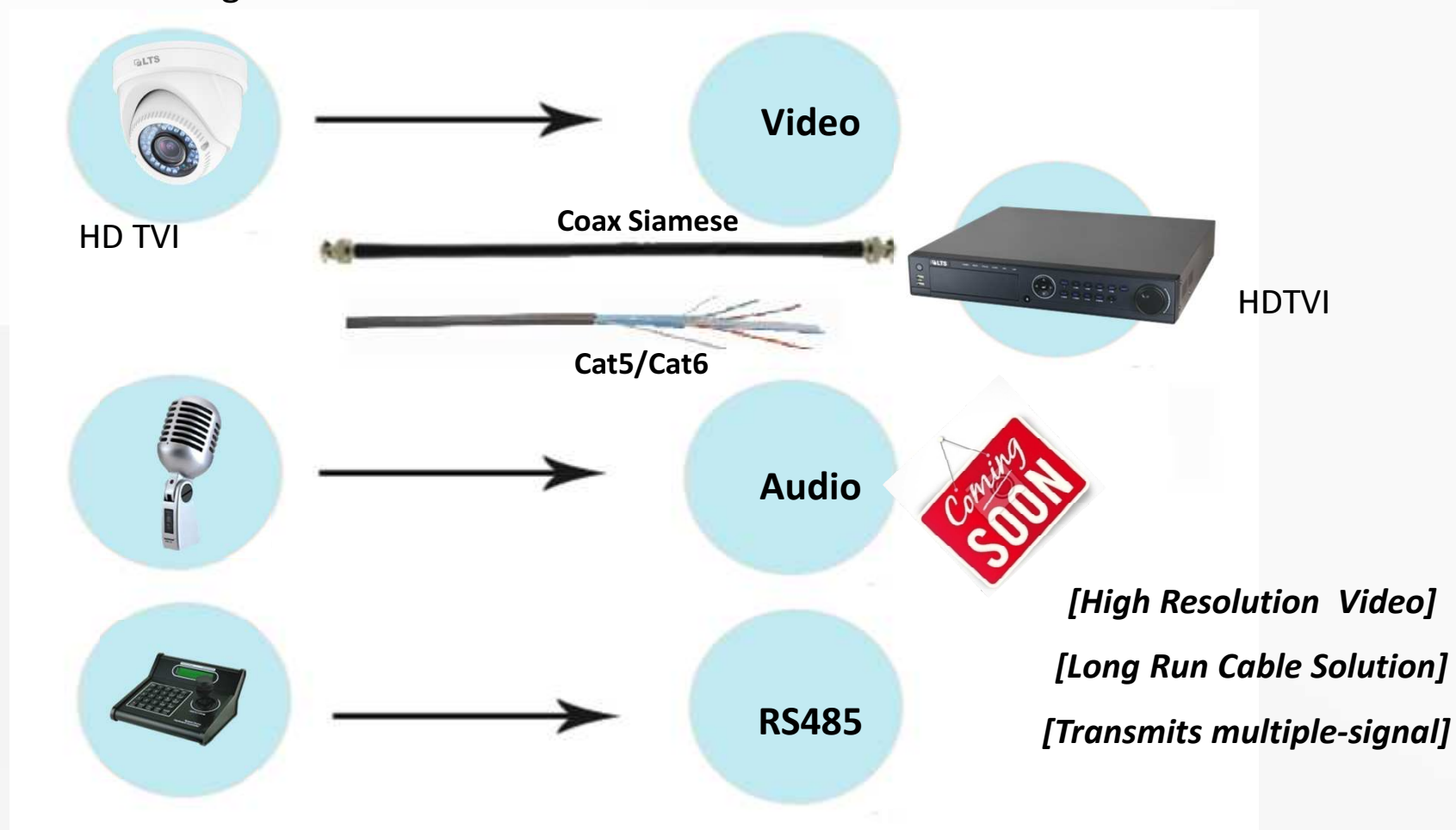
HD-TVI (*High Definition Transmit Video Interface*)

is **High efficiency, long-distance, real-time transmission** over both *general coax cable and network cable* HD video transmission. The technology renders two HD video formats – 1920H (1920*1080) and 1280H (1280*720).





TVI Technology can transmit the high-definition picture quality(720P/1080P),Audio and RS 485 signal over standard Coaxial Siamese cable and all Network Cable.





1. High Resolution

- 720P/1080P
- No signal Drop
- High Picture Quality With no Delay

2. Transmits multiple-signal Over One Cabling

- Video/Audio
- RS485

4. Compatibility

- TVI is Compatible with all TVI Chipset product and multiple Brand of choice

3. Long Distance Cabling

- 1080p/720p over coaxial cable
- RG59 75-4 more than **300** meters/1000ft
- RG6 possible to reach **500** meters/1500ft
- Over all type of network cable **200** meters/ 700ft
- Live View no delay issue
- High signal transmitting no video loss

5. Save Cost

- Existing Project No Need to Re-wire



- TVI Technology

TVI Comparison

- Application Highlight
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- Q & A

- *Compares TVI vs. CVI*
- *Compares TVI vs. Analog*
- *Compares TVI vs. SDI*
- *Compares TVI vs. IP*

TVI vs. CVI



	HD-TVI	HD-CVI
Coax Siamese Cable (3C/5C)	300/500 Meter (1000/1500 ft.)	300/500 Meter (1000/1500 ft.)
Cat5.e Cabling	200 + Meter (700ft.)	100 Meter (300ft.)
720P Frame Rate	25/ 30 /50/ 60	25/ 30 /50/ 60
1080P Frame Rate	25/ 30	25/ 30
DVR combination using both 720P and 1080P Camera	YES	NO
Chipset Supplier	USA Manufacture	Dahua
Compatibility	Compatible with multiple brand systems and variety choices	Dahua only

TVI vs. Analog



	HD-TVI	Analog
Resolution (3C / 5C)	720P / 1080P	960H (700TVL)
Coax Siamese Cable (3C/5C)	300/500 Meter (1000/1500 ft.)	180 / 300 Meter
Cat5.e Cabling	200 + Meter(700ft.)	Extra Cabling
Transmit RS-485	Support	Extra Cabling
720P Frame Rate	25/ 30 /50/ 60 fps	Do not Support
1080P Frame Rate	25/ 30 fps	Do not Support
DVR Recording	Combination of 720P and 1080P	CIF/ D1/ WD1

TVI vs. SDI



	HD-TVI	HD-SDI
Resolution	720P / 1080P	720P / 1080P
Coax Siamese Cable (3C/5C)	500 Meter (1500 ft.)	150 Meter (450 ft.)
Transmit RS-485	Support	Extra Cabling
Cat5.e Cabling	Support 200 + Meter(700ft.)	Do not Support
Image Delay	NO	NO
Coax Cable Quality Require	LOW (Cheaper)	Yes
Cost per Unit	Cheaper	Higher

TVI vs. IP



	HD-TVI	IP
Coax Siamese Cable (3C/5C)	300/500 Meter (1000/1500 ft.)	Not Compatible
Cat5.e Cabling	200 + Meter (700ft.)	100 Meter (300ft.)
720P Frame Rate	25/ 30 /50/ 60	25/ 30
1080P Frame Rate	25/ 30	25/ 30
Support 3MP/ 4MP/ 5MP	NO	YES
DVR combination using both 720P and 1080P Camera	YES	YES
Image Delay	No Delay	Delay
Installation and Set up	Easy	Complex set up Difficult Networking



- TVI Technology
- TVI Comparison



Application Highlight

- Product Information
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Application



**Education
Campus**



Airport



**City
Surveillance**



Transportation



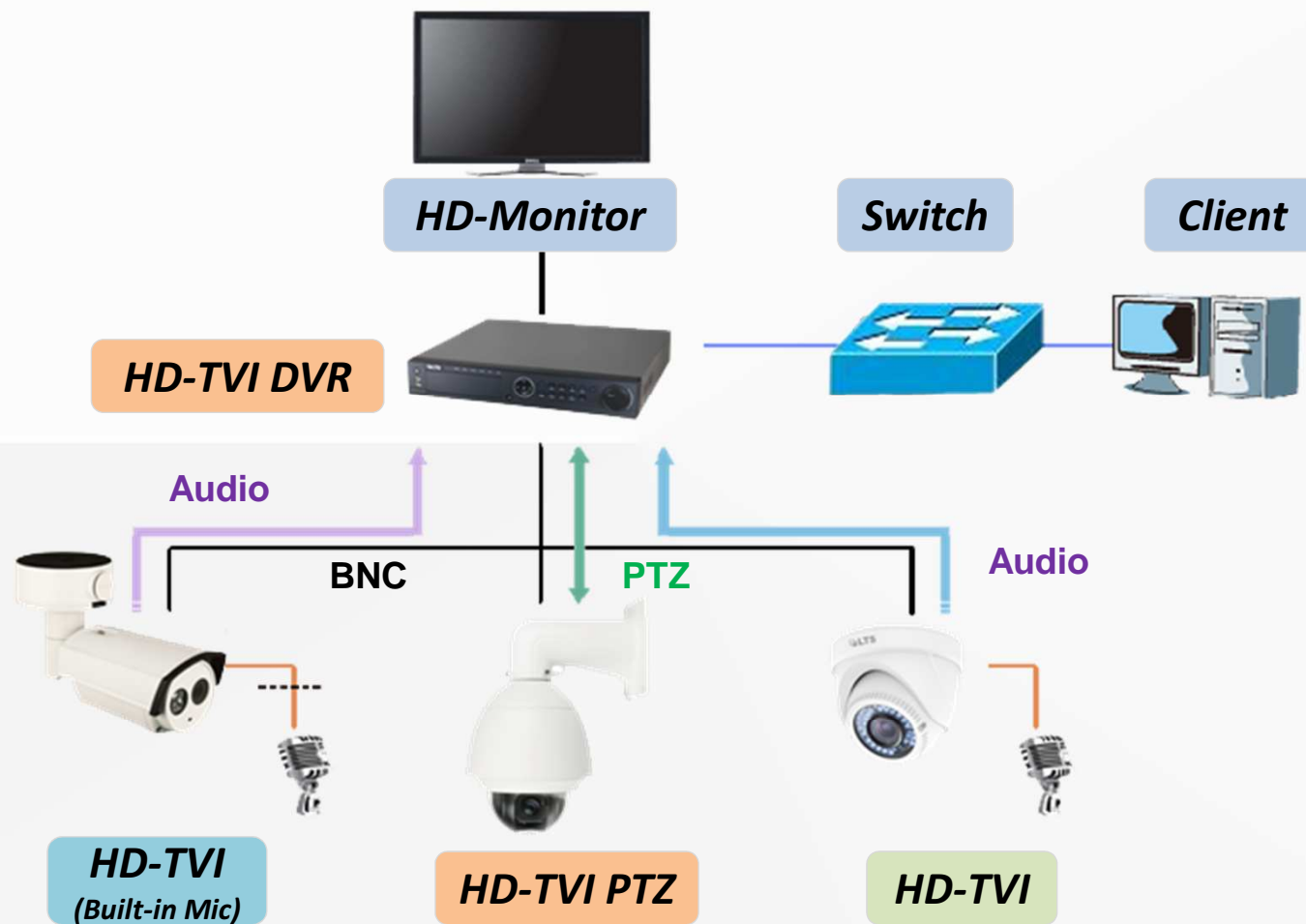
**Commercial
Shopping mall**



**Government
/Bank**



TVI System



TVI System-Villa



Alarm Out

HD-TVI DVR



720P/1080P

• **Easy Setup**

- *Replace Analogue Cameras*
- *Replace DVRs*



HD-TVI Cameras



Detector

• **Benefit**

- *High Picture Quality With no Delay*
- *Existing Project No Need to Re-wire*
- **Save cost**
- *Transmits multiple-signal*
- *Long Distance Cabling*

 **LTS**



- TVI Technology
- TVI Comparison
- Application Highlight



Product Information

- Q & A
- *LTS Platinum Series TVI Products*
- *LTS T Series TVI Products*

Platinum -TVI Camera



Platinum

HD-TVI Cameras



A HD-TVI Dome Camera

- 2.8-12mm Varifocal Lens
- 24 IR LEDs up to 130ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHD3423W	\$?	2 MP (1080P)	DC12V

B HD-TVI Turret Camera

- 2.8-12mm Varifocal Lens
- 1 Matrix IR LED up to 165ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT1623W	\$?	2 MP (1080P)	DC12V

C HD-TVI Turret Camera

- 2.8mm Fixed Lens
- 1 Matrix IR LED up to 130ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT2732-28	\$?	1.3 MP (720P)	DC12V
<input type="checkbox"/> CMHT2722W-28	\$?	2 MP (1080P)	DC12V

D HD-TVI Turret Camera

- 2.8mm Fixed Lens
- 24 IR LEDs up to 65ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT1432-28	\$?	1.3 MP (720P)	DC12V
<input type="checkbox"/> CMHT1422W-28	\$?	2 MP (1080P)	DC12V

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Platinum -TVI Camera



Platinum

HD-TVI Cameras



E HD-TVI Turret Camera

- 2.8mm Fixed Lens
- 24 IR LEDs up to 100ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT1532-28	£ 45	1.3 MP (720P)	DC12V
<input type="checkbox"/> CMHT1522W-28		2 MP (1080P) UTC WDR	DC12V

F HD-TVI Bullet Camera

- 3.6mm Fixed Lens
- 24 IR LEDs up to 65ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHR6232	\$?	1.3 MP (720P)	DC12V
<input type="checkbox"/> CMHR6222W	\$?	2 MP (1080P) UTC WDR	DC12V

G HD-TVI Bullet Camera

- 2.8-12mm Varifocal Lens
- 1 Matrix IR LED up to 165ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHR9923W	\$?	2 MP (1080P) UTC WDR	DC12V

H HD-TVI Bullet Camera

- 3.6mm Fixed Lens
- 1 Matrix IR LED up to 130ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHR8432	\$?	1.3 MP (720P) UTC	DC12V
<input type="checkbox"/> CMHR8422W	\$?	2 MP (1080P) UTC WDR	DC12V

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HD-TVI DVR



TVI Technology Can Transmit The HD Picture Quality (720P/1080P) Over Standard Coaxial Siamese Cable And All Network Cable.



Free 1 Year
App (VMS7100)



	A	B	C	D
Model Number	LTD8304T-FT	LTD8308T-FT	LTD8316T-FT	LTD8416T-ST
Sale Price	£225	£275	\$?	\$?
Analog & HD-TVI Video In	4CH	8CH	16CH	16CH
Record Rate	4CH 720P@30fps 4CH 1080P@12fps	8CH 720P@30fps 8CH 1080P@12fps	16CH 720P@30fps 16CH 1080P@12fps	16CH 1080P@30fps
IPC Input	1 CH 1080P@30fps	2 CH 1080P@30fps	2 CH 1080P@30fps	2 CH 1080P@30fps
Video Output	1 VGA, 1 HDMI up to 1080P	1 VGA, 1 HDMI up to 1080P	1 VGA, 1 HDMI up to 1080P	1 CVBS, 1 VGA, 1 HDMI up to 1080P
Playback Channel	4CH	8CH	16CH	16CH
Audio In/Out	1CH/1CH, RCA	1CH/1CH, RCA	1CH/1CH, RCA	4CH/2CH, RCA
Alarm In/Out	-	-	-	16/4
Network	10/100M	10/100M	10/100/1000M	10/100/1000M
Storage	1 SATA up to 4TB	1 SATA up to 4TB	2 SATA up to 8TB	4 SATA up to 16TB
eSATA	-	-	-	1
USB	2, USB 2.0	2, USB 2.0	2, USB 2.0	3, USB 2.0
PTZ	1 RS485	1 RS485	1 RS485	1 RS485
Product Dimension	12.4"(W)x9.1"(D)x1.8" (H)	12.4"(W)x9.1"(D)x1.8" (H)	17.5"(W)x11.4"(D)x1.8" (H)	17.3"(W)x15.3"(D)x2.7" (H)

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V series-TVI Camera



V Series

HD-TVI Cameras



A HD-TVI Turret Camera

- 2.8mm Fixed Lens
- 28 IR LEDs up to 65ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT2422	\$?	2 MP (1080P)	DC12V

B HD-TVI Turret Camera

- 2.8mm Fixed Lens
- 28 IR LEDs up to 65ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHT2432	\$?	1.3 MP (720P)	DC12V

C HD-TVI Bullet Camera

- 3.6mm Fixed Lens
- 28 IR LEDs up to 65ft
- Outdoor/Indoor



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHR5732	\$?	1.3 MP (720P)	DC12V

D HD-TVI Dome Camera

- 2.8mm Fixed Lens
- 24 IR LEDs up to 65ft
- Outdoor/Indoor
- WDR (CMHR8422W)



Model No.	Unit Price	Max Res	Power
<input type="checkbox"/> CMHD3822	\$?	2 MP (1080P)	DC12V



V Series

HD-TVI DVR

TVI Technology Can Transmit The HD Picture Quality (720P/1080P) Over Standard Coaxial Siamese Cable And All Network Cable.



Compact Case **A B**



1U Case **C**



	A	B	C
Model Number	LTD2704TS-M	LTD2708TS-M	LTD2716TE-M
Sale Price	\$?	\$?	\$?
HD-TVI Video In	4CH	8CH	16CH
Video Output	1 VGA, 1 HDMI up to 1080P	1 VGA, 1 HDMI up to 1080P	1 VGA, 1 HDMI up to 1080P
Record Rate	4CH 720P@30fps 4CH 1080P@15fps	8CH 720P@30fps 8CH 1080P@15fps	16CH 720P@30fps 16CH 1080P@15fps
Playback Channel	4CH	8CH	8CH
Audio In/Out	1CH/1CH, RCA	1CH/1CH, RCA	1CH/1CH, RCA
Alarm In/Out	-	-	-
Network	10/100M	10/100M	10/100M
Storage	1 SATA up to 3TB	1 SATA up to 3TB	2 SATA up to 6TB
PTZ	1 RS485	1 RS485	1 RS485
USB	2, USB 2.0	2, USB 2.0	2, USB 2.0
Backup	USB, Network	USB, Network	USB, Network
Product Dimension	11.8"(W)x10"(D)x2.3" (H)	11.8"(W)x10"(D)x2.3" (H)	15"(W)x11.4"(D)x1.9" (H)



***Thank you
for your attention !***



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