

1. Product Specification

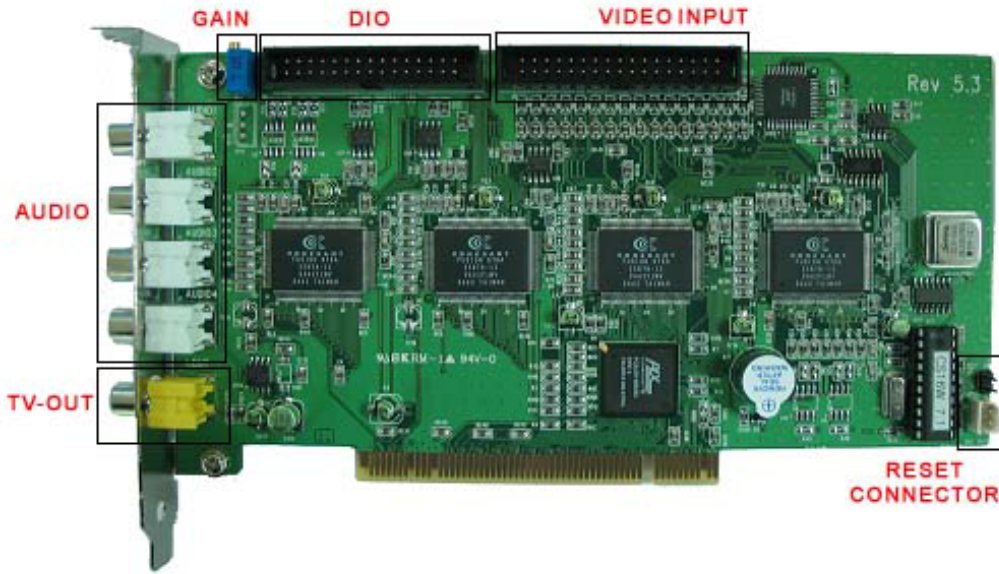
16-CH VIDEO CAPTURE CARD

Model	DVC-TFS1612	
Displaying Speed	NTSC	120 fps
	PAL	100/240
Recording Speed	NTSC	120 fps
	PAL	100/240
Video Inputs	16	
Audio Inputs	4	
Sensor Inputs	16	
Alarm Outputs	8	
Video Resolution	640 X 480, 640 X 240, 320 X 240 (NTSC) / 768 X 576 , 768 X 288, 384 X 288 (PAL)	
Compression Type	MPEG-4	
Supported Signal Types	NTSC, PAL	
Supported Network	TCP/IP, PSTN	
Supported Backup Devices	HDD, DVD/R, CD/RW, Network Driver, etc.	
Supported PTZ Protocols	C&B Tech-CND100200&SMART, Changzhou Minking-Minking, CTNCom-HD0670, Dong Yang Unitech-DSC230, DRAGON-DRAGON, Dynacolor-TPD7720, Geosan-GRX1000, PELCO D&P, GOLDENEYE-GOLDENEYE, InterM-VRX2201, KALATEL-KTD312, KJK-KJK, LG-LPTA100L, SAMSUNG-SCC641&SDZ160R&SPD1600&SPX1000&SPT1000, SONY-EVID3031, Vicon-Survey&2000, ZITEC-ZITECH, etc.	
Operating Systems	Windows XP, Windows 2000, Linux	
Supported Languages	English, Spanish, Japanese, French, Traditional Chinese, Simplified Chinese, Portuguese, Hebrew, Polish, German, Finnish, Greek, Hungarian, Korean, etc.	

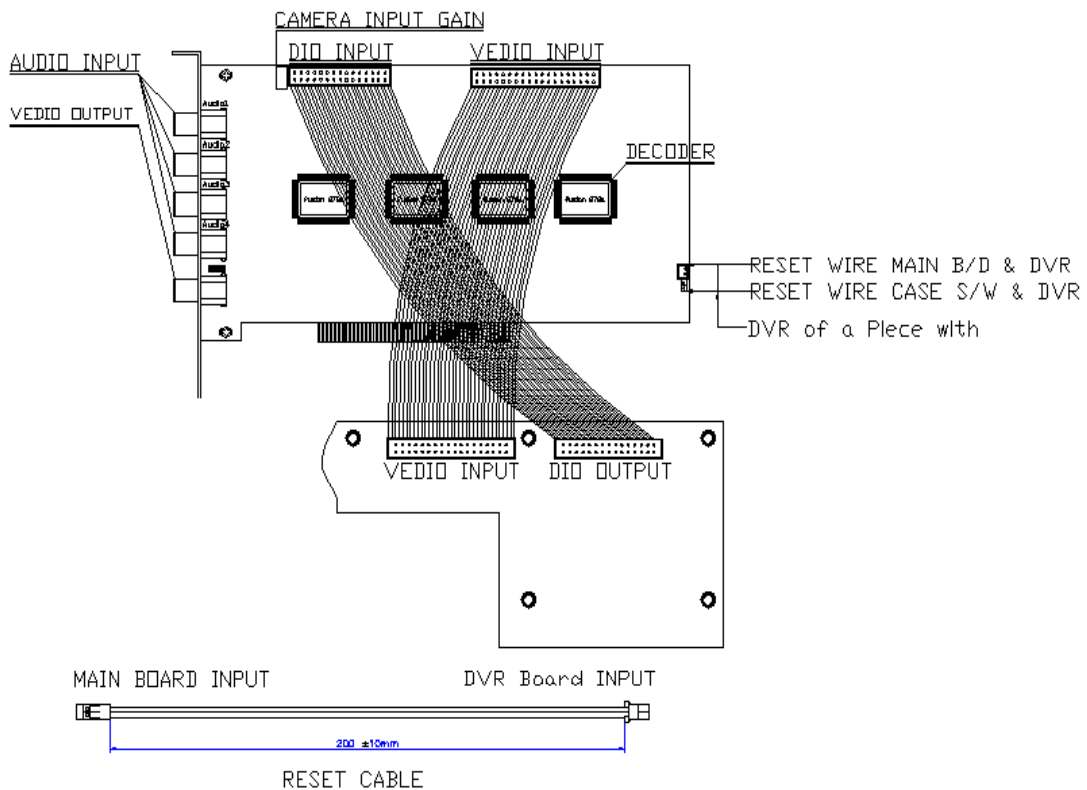
2. The Recommended Minimum PC Specification

NO	ITEM	STANDARD	MANUFACTURE/ MODEL NAME	REMARKS
1	O/S	WIN XP (HOME or PROFESSIONAL)		
2	MOTHERBOARD	INTEL 845PE, INTEL 845D or Newer		
3	CPU	CELL 1.7hz	INTEL	TFS-0403/0806/1209/1612, TFS-0406, TFS-0412, TFS-0812, TFS-1612, TFS-1648
		P4 2.0hz	INTEL	TFS-0824D, TFS-1624D, TFS-1648D
4	MEMORY	DDR 256MB		
5	HDD	5400RPM, ATA100	WESTERN DIGITAL or MAXTOR	
6	VGA	32MB	ATI or GEFORCE	ONBOARD TYPE (N/A) *ATI RADEON 7000vip (LIVE BOARDS)
7	LAN	TRANSMISSION SPEED 10/100Mbps		
8	POWER	250W		

3. Picture of Board



4. Cable Connection



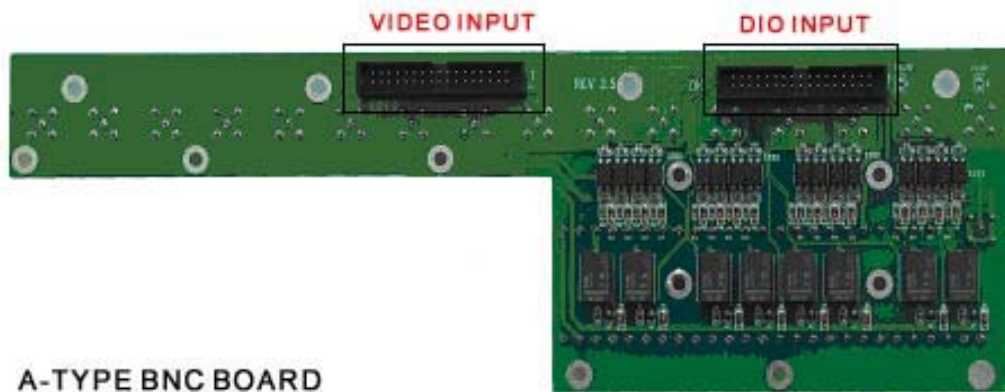
DVC-TFS1612 Board

Note: Non-Expandable
 Model/Frame Rates (NTSC): 120 fps / 120 fps
 Model/Frame Rates (PAL): 100 fps / 100 fps
 Dimension: 180 (W) x 95 (D) mm

5. Additional Hardware

5.1 BNC TYPE- A

8 Channels and 16 Channels BNC Board with I/O



A-TYPE BNC BOARD



A-TYPE BNC BOARD ON THE RACKMOUNT

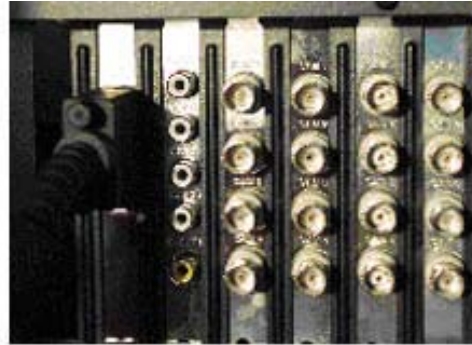
It only goes with the ISIS industrial rack mount case

5.2 BNC TYPE- B

2 or 4 units of 4 CH BNC Board without I/O



B-TYPE BNC BOARD



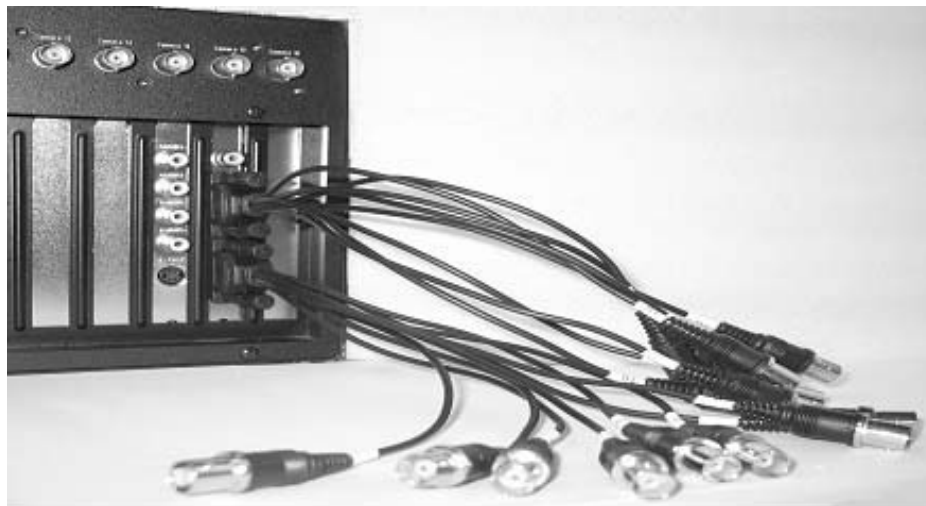
INSTALLED B-TYPE BNC BOARD IN OUR INDUSTRIAL RACK MOUNT

For 16ch DVR board, 4 B type BNC boards need to be installed like above.
8ch DVR board needs 2 B type boards. It is available in any pc harness.
To use I/O, S-DIO (external I/O box) can be provided.

For more details of S-DIO, please see the page 5.

5.3 BNC TYPE- C

Camera Cables + Camera Board



INSTALL C-TYPE CABLE IN OUR RACKMOUNT

For 16ch DVR board, 2 C type BNC boards need to be installed like above.
8ch DVR board needs 1 C type board. It is available in any pc harness.
To use I/O, S-DIO (external I/O box) can be provided.

5.4 S-DIO

It supports up to 16 inputs and 8 outputs
External Input/Output Controller Box



Back and Front of S-DIO