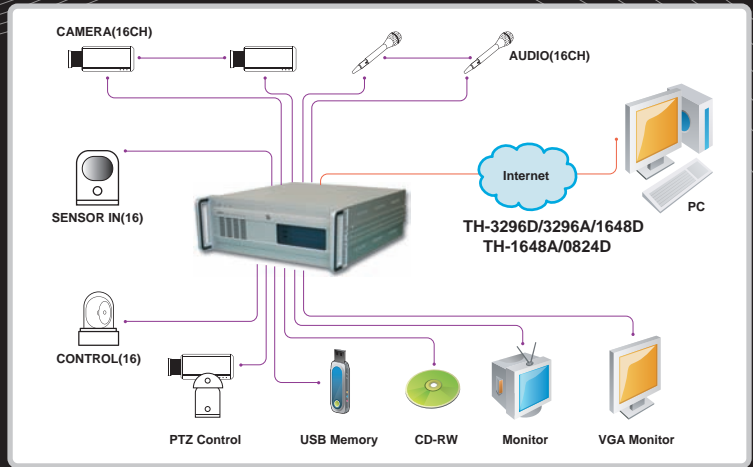


System Diagram

Features

- 32ch Full D1 Real Time Recording
- H.264 Hardware Compression
- Intelligent Functions(PTZ Auto Motion Tracking, Object Counting, Virtual Fence, etc)
- 2WAY Audio Communication
- Panorama PREVIEW Search
- FREE CMS, Web & Smart Phone Client Program
- One Click System Recovery DVD provided
- GUI With Multi Language



Specification

Description		TH-3296D	TH-3296A	TH-1648D	TH-1648A	TH-0824D	
Video Input	Channel	32ch	32ch	16ch	16ch	8ch	
	Signal/ Level	Auto Detection(NTSC/PAL), Composite 1.0Vp-p					
Audio Input		16ch				8ch	
Display Speed	NTSC	Real-Time(16A,16B)	Real-Time(16A,16B)	Real-Time(480fps)	Real-Time(480fps)	Real-Time(240fps)	
	PAL	Real-Time(16A,16B)	Real-Time(16A,16B)	Real-Time(400fps)	Real-Time(400fps)	Real-Time(200fps)	
Multi-screen Display		1,4,6,7,9,13,16A,16B	1,4,6,7,9,13,16A,16B	1,4,6,7,9,13,16	1,4,6,7,9,13,16	1,4,6,7,8	
Total Recording Speed	NTSC	360 x 240	max. 960 fps	max. 960 fps	max. 480 fps	max. 480 fps	max. 240 fps
		720 x 240	max. 960 fps	max. 480 fps	max. 480 fps	max. 240 fps	max. 240 fps
		720 x 480	max. 960 fps	max. 240 fps	max. 480 fps	max. 120 fps	max. 240 fps
	PAL	360 x 288	max. 800 fps	max. 800 fps	max. 400 fps	max. 400 fps	max. 200 fps
		720 x 288	max. 800 fps	max. 400 fps	max. 400 fps	max. 200 fps	max. 200 fps
		720 x 576	max. 800 fps	max. 200 fps	max. 400 fps	max. 100 fps	max. 200 fps
TV Output		4ch	4ch	2ch	2ch	2ch	
Looping output		32ch	32ch	16ch	16ch	8ch	
Sensor/Control		4, 8, 12, 16 Expandable					
Compression		H.264 Hardware Compression					
Compressed Image Size		Max 4KB in 720 x 480, Image level #1					
Recording Mode		Continuous, Event(Motion, Sensor), Pre / Post-Alarm, Schedule (Camera, Time, Date)					
Searching Option		Date, Time, Thumbnail Preview, Event, Object Search					
PTZ Control		RS-422, RS-485 Interface					
Remote Control		Live View & Audio, Search, Setup, PTZ Control via TCP/IP, ISDN, PSTN, xDSL (WebBrowser)					
System Watchdog		Automatic reset of recorder upon detecting system conflicts					
Watermarking		Fully authenticated by watermarking software (Option)					
OS Platform		Windows XP , Windows 7					
Hardware Specification Recommended	M/B	Intel Chipset Board (Recommended Brand: ASUS, Gigabyte)					
	CPU	Core2 Quad or above for TH-3296D, 3296A, 1648D (Dual Core or above for TH1648A, 0824D)					
	VGA	Radeon 256M or above					
	RAM	2 GB		1 GB		1 GB	

*Specification is subject to change without notice



Memo

Tovitech Co.,Ltd.