



VISION ON CHIP CO., LTD.

VX4TFN

Triplex 4-Channel DVR Controller Chip

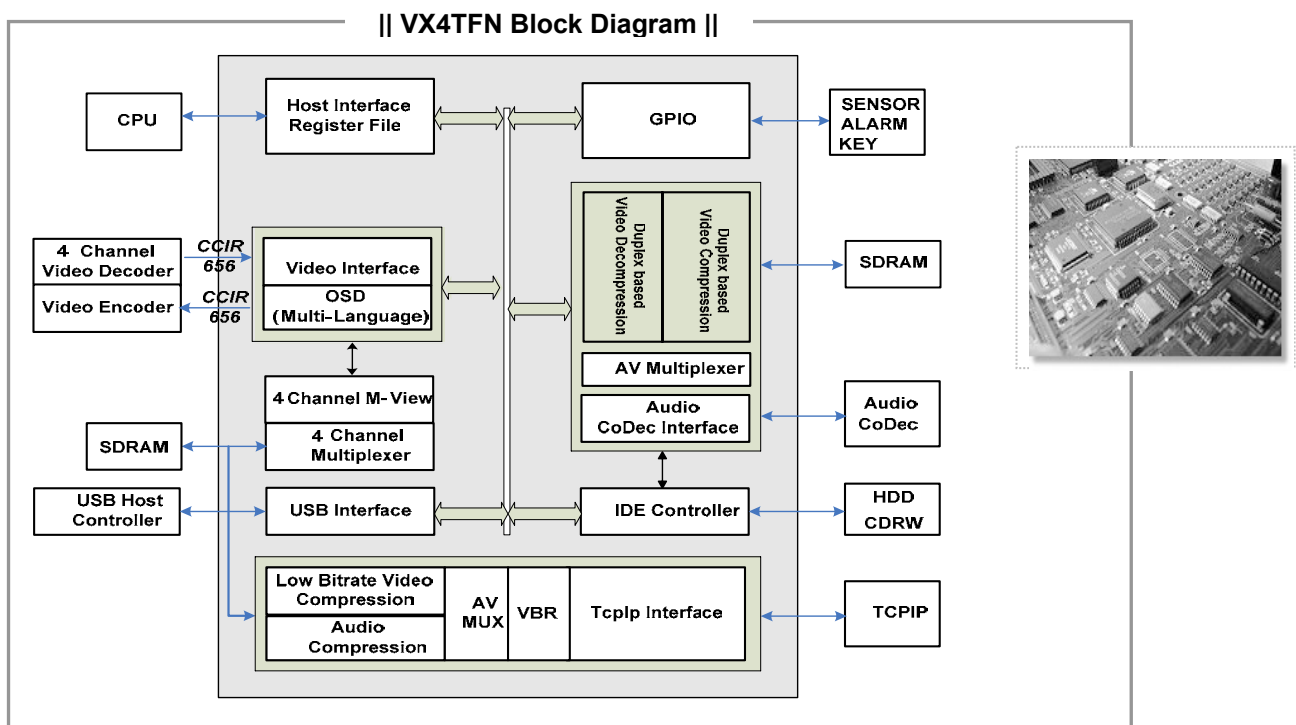
VISION ON CHIP CO., LTD. has focused herself towards a high-technology scope that brings company value through the state-of-the-art digital security system solution. VISION ON CHIP has also been targeted to meet our customer needs for flexibility.

Our VX4TFN provides 4-channel and multi-user network digital surveillance system solutions supporting triplex functionality. With streamline access to the latest technology, we paved the way with the broadest array of building blocks, delivering cutting-edge solutions to meet and even exceed the demanding needs of security markets.

Vision On Chip want to be your partner with our best technology by making both high-quality and cheaper products solutions available. We have been a dynamic and fast-growing company showing ultimate professionalism in everything we do toward digital security industry. We are going to lead with our products, technology, and service, and customer relations.

❖ Major Advantages of VX4TFN

1. Support Triplex (Simultaneous playback, record, back-up and network)
2. Support 60-field recording frame rate
3. Multi-user Network (up to 4 users)
4. Fast CD-RW (avg. 2 MB/sec) & Host USB (avg. 300 KB/sec) drive back-up
5. High-quality Audio (8/16/20 KHz) interface



|| Chip Spec ||

Part Name : VX4TFN		
Video Input Format	NTSC / PAL	
Operating System	None OS	
Video In	MAX 4 Channels	CCIR-656 Format
Video Out	1 Channel	
Audio In/Out	1 Channel	PCM
Display Frame Rate	Frame	NTSC : 60 fields per channel PAL : 50 fields per channel
	Mode	Full / 4 Sequence
Recording Frame Rate	NTSC	60 fps (fields per sec)
	PAL	50 fps (fields per sec)
Recording Mode	Time / Sensor / Motion	
Resolution	Display	NTSC : 720 x 480 PAL : 720 x 576
	Recording	NTSC : 640 x 224 PAL : 640 x 272
Recording Video Compression Format	Enhanced Motion JPEG (Duplex-based Codec)	
Hard Disk Drive	Up to 1 Terabyte (1,000 GB) (depending on power supply)	
OSD	Multi-language support	
Back-up (Archive Device)	HDD / HOST USB / CD-RW / DVD Combo	
Search Function	Mode	Date & Time
Relay I/O	4 Input, 1 Output	
Internal Motion Detection	YES	
LAN	Resolution	NTSC : 640 x 224 / 320 x 112 PAL : 640 x 272 / 320 x 136
	Function	Dynamic IP / PPPoE / Multi-user Connection
	Compression Format	Similar to MPEG-4
IC Package	400-pin Fine BGA	

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