HD-CVI
8 Channels
720P HD STANDALONE DVR SYSTEM

Truon

- HD-CVI DVR only works with HD-CVI Cameras
- 4 CH 720p Real-Time Recording
- VGA / HDMI Output
- 1 CH Audio-in & output

CVST CHR-08

Back

SMART PHONE COMPATIBLE

- iDMSS HD Lite
- GDMSS Lite

The CHR series are excellent digital monitor product designed for security field and adopt embedded Linux OS to maintain reliable operation. CHR series are easy to use with simple setup and have various functions such as record, playback, monitor at the same time and can guarantee audio video synchronization. CHR series built with advanced technology and strong network data transmission function.

The CHR series adopt embedded design for maximum security and reliability, they can be widely used in various areas such as banking, telecommunication, electric power, interrogation, transportation, intelligent resident zone, factory, warehouse, resources, and water conservancy.

Accessories

MOBILE PHONE APP AVAILABLE
iPhone, iPad : iDMSS HD Lite / Android : GDMSS Lite

USE ALL VIDEO OUTPUT SIMULTANEOUSLY
It has VGA and HDMI output. You can use monitor to display surveillance function. System supports VGA/HDMI output simultaneously.

SECURE VIDEO FORMAT
Specialized data format to guarantee data security and can avoid unwanted data modification.

COMPRESSION FORMAT
Support multiple-channel audio and video. An independent hardware decodes audio and video signal from each channel to maintain their synchronization.

BACKUP FUNCTION
Support backup operation via USB port (such as flash disk, portable HDD, DVD burner). Client-end user can also perform backup via network.

RECORD PLAYBACK FUNCTION
Support each channel real-time record independently, and at the same time it can support search, playback, network monitor, record search, download and etc.
Support various playback modes: slow play, fast play, backward play and frame by frame play. Support timestamp overlay so that you can view event accurate occurred time. Support specified zone enlargement.

NETWORK OPERATION
Support network remote real-time monitor, remote record search and remote PTZ control.

PTZ CONTROL
Support PTZ decoder via RS485. Support various decode protocols to allow the PTZ to control the speed dome.

UPNP
It is to establish the mapping relationship between the LAN and the WAN via the UPnP protocol.

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SPECIFICATIONS

CVST CHR-08		
System	Main Processor	High-performance industrial embedded micro controller
	OS	Embedded LINUX
	System Resources	Multiplex operations: Multiple-channel record, multiple-channel playback and network operation simultaneously
	Interface	User-friendly graphical user interface
	Input Devices	USB mouse
	Input Method	Arabic number, English character
	Shortcut Function	Copy/paste operation, USB mouse right-key shortcut menu, double click USB mouse to switch screen.
Compression Standard	Video Compression	H.264
	Audio Compression	G711A, G711U, PCM
Video Monitor	Video Input	8-CH composite video input: (NTSC/PAL) BNC (1.0Vp-p, 75Ω)
	Video Output	1-ch VGA output. 1-ch HDMI output. Support VGA/HDMI video output at the same time.
	Video Standard	Support PAL/NTSC.
	Record Speed	Real-time Mode: PAL 1f/s to 25f/s per channel and NTSC 1f/s to 30f/s per channel
	Video Partition	1/4/8/9 windows
	Monitor Touring	Support monitor tour functions such as motion detection, and schedule auto control.
	Resolution (PAL/NTSC)	PAL/NTSC Real-time monitor: 720p 1280×720 Playback: All-ch: 720P 1280×720, 960H 960×576/960×480, D1 704×576/704×480, HD1 352×576/352×480, 2CIF 704×288/704×240, CIF 352×288/ 352×240 , QCIF 176×144/176×120 Support dual streams: extra stream resolution CIF 352×288/ 352×240, QCIF 176×144/176×120
	Image Quality	6-level image quality (Adjustable)
	Privacy mask	Support one privacy mask of user-defined size in full screen. Support max 4 zones
	Image Information	Channel information, time information and privacy mask zone.
	TV Adjust	Adjust TV output zone suitable to anamorphic video.
	Channel Lock	Cover secret channel with black screen though system is encoding normally. Screen-lock function to prevent unauthorized user seeing secret video.
	Channel Information	Channel name, recording status, screen lock status, video loss status and motion detection status are shown on the bottom left of display screen.
	Color Configuration	Hue, brightness, contrast, saturation and gain setup for each channel.
Audio	Audio Input	1-ch 200-2000mv 10KΩ(RCA)
	Audio Output	1-ch audio output 200-3000mv 5KΩ(RCA)
	Bidirectional Audio	Reuse the audio input/output channel.
Hard Disk	Hard disk	1 built-in SATA port. Support 1 HDD.
	Max. Capacity per SATA	4TB
	Hard Disk Occupation	Audio:PCM 28.8MByte/h Video:56-900MByte/h
Record and Playback	Recording Mode	Manual recording, motion detection recording, schedule recording and alarm recording Priority: Manual recording> alarm recording>motion detection recording>schedule recording.
	Storage Mode	Support channel record quota setup
	Recording Length	1 to 120 minutes single record duration (Default setup is 60 minutes)
	Playback Repeat Way	When hard disk is full, system can overwrite previous video file.
	Record Search	Various search engines such as time, type and channel.
	Playback Mode	Various fast play, slow play speeds, manual frame by frame playback and reverse play mode.
	Various File Switch Ways	Can switch to previous or next file or any file in current play list. Can switch to file on other channel of the same time. (If there is a file) Support file continuous play, when a file is end system auto plays the next file in the current channel

Record and Playback	Playback Way	Support mark playback
	Multi-channel Playback	There is 1/4-channel playback mode.
	Window Zoom	Switch between self-adaptive screen/full screen when playback
	Partial Enlargement	When in one-window full-screen playback mode, you can select any zone to activate partial enlargement function.
Backup Function	Backup Mode	HDD backup
		Support peripheral USB backup device. (Flash disk, portable disk and etc.)
		Support network download and save
Network Function	Network control	View monitor channel remotely.
		DVR configuration through client-end and web browser
		Upgrade via client or browser to realize remote maintenance.
		View alarm information such as motion detection and video loss via client.
		Support network PTZ lens control
		File download backup and playback
		Multiple devices share information via corresponding software such as professional surveillance software (PSS)
		Duplex transparent COM
		Network alarm input and output
		Zero-channel encoding.
		Bidirectional audio.
Motion Detection and Alarm	Motion Detection	Zone setup: support 396((PAL 22×18, NTSC 22×15)) detection zones. Various sensitivity levels.
		Alarm can activate record or external alarm or screen message prompt.
	Video Loss	Alarm can activate screen message prompt.
	External Alarm	N/A
	Manual Alarm Control	N/A
	Alarm Input	N/A
	Alarm Output	N/A
	Alarm Relay	N/A
Interface	USB Interface	2×USB 2.0 port.
	Network connection	RJ45 10M/100M self-adaptable Ethernet port
	RS485	PTZ control port Support various PTZ control protocols.
	RS232	N/A
System Information	Hard Disk Information	Display HDD current status
	Data stream statistics	Data Stream Statistics for each channel (in wave mode)
	Log statistics	Backup to 1024 log files Support various search engines such as time and type
	Version	Display version information: channel amount, system version and release date
	On-line user	Display current on-line user
User Management	User Management	Multi-lever user management; various management modes Integrated management for local user, serial port user and network user. Configurable user power.
		Support user/group and its corresponding rights modification. No limit to the user or group amount.
	Password Authentication	Password modification Administrator can modify other user's password.
		Account lock strategy Five times login failure in thirty minutes may result in account lock.
Upgrade		Web browser, client-end and update tool.
Login, Logout and Shutdown		Password login protection to guarantee safety
		User-friendly interface when login. Provide the following options: Logout /shutdown/ restart.
		Right authentication when shut down to make sure only those proper people can turn off DVR
General Parameter	Power	DC 12V
	Power Consumption	≤15W (With adapter, exclude HDD)
	Working Temperature	-10°C-+55°C (14°F ~ 131°F)
	Working Humidity	10%-90%
	Air Pressure	86kpa-106kpa
	Dimension	12.79(W) 9.65(D) 1.77(H)inch (325(W) x 245(D) x 45(H)mm)
	Weight	2.76 lbs / 1.25Kg (Exclude HDD)
	Installation Mode	Desktop installation