

DIGITAL VIDEO RECORDER



MODEL CVV7416FD 16-channel Videos / 16-channel Audios / VGA output
16-channel Loop-outputs, 2-BNC Outputs

MAIN FEATURES

- H.264 compression algorithm ideal for standalone DVR
- Real-time live display for D1, Real-time full live recording with each channel for D1 : 25FPS (PAL)/ 30FPS (NTSC)
- Pentaplex function: live display, recording, playback, backup & remote access
- Multiple control methods: Front panel, remote controller, USB mouse, network controller.
- Multiple recording modes: manual recording, schedule recording, alarm recording, motion detection recording, time recording, and pre-recording.
- Ethernet interface is provided for realizing remote monitoring, remote playback, acoustic monitoring, remote setting and remote software upgrading through network browser.
- Alarm triggering screen message, buzzerbuzzer, tour, FTP upload, PTZ preset, E-mail, sensor output, multiple channel recording.
- Easy backup methods: USB devices, network downloads, and DVD/RW.
- Support all channel playback at the same time, and searching according to time or event(alarm, movement and sensory alarm).
- Multi-Language selectable: English, Spanish, Italian, French, Finnish, Russian, Vietnamese, German, Persian, Japanese, Chinese, Traditional Chinese, Polish, Greek, Turkish, Romanian, Hungarian, Thai, Portuguese, Ukrainian.
- Support remote view with Iphones, Windows Phones, Symbians, Blackberries, and Android phones.



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TECHNICAL SPECIFICATIONS

System	Type	CVV7416FD
	Main processor	Industry-level embedded microprocessor
	Operation system	Embedded LINUX operation system
	System resource	Synchronous multi-channel recording, synchronous multi-channel sub-code stream, synchronous multi-channel playback, synchronous network operation
Interface	Operation interface	16 Bit true color graphical menu interface, mouse operation supportive
	Display	1/4/8/9/16 Image display
Video	Surveillance image quality	PAL: 704×576 NTSC:720×480
	Recording image quality	CIF: 352×288 (PAL); 360X240 (NTSC) D1: 704X576 (PAL); 720X480 (NTSC)
	Image compression	H.264
	Image control	6 options
	Recording frame rate	CIF: PAL 400fps ,NTSC 480fps D1: PAL 400fps ,NTSC 480fps
	Image motion detect	396(22×18) detection areas, multiple sensitivity
	Audio	Audio compression
Talk-back		Supportive
Recording	Recording mode	Manual >Alarm>Motion detect>Timing
And	Local playback	Single channel playback, All channels playback
Playback	Recording look-up mode	Time searching, calendar searching, affair searching, channel searching, information searching
Storage And Backup	Hard disk capability for each channel	Audio: 28.8 Mbytes/hour Video: 80-250 Mbytes/hour
	Recording storage	Hard disk, network
	Backup mode	Network, USB, DVD/RW
Ports	Video input	16 Channel BNC
	Video output	2 Channel BNC, 1 Channel VGA output, 16 Channel Loop outs
	Audio Inputs	16 Channel RCAs
	Audio output	1 Channel RCA
	Alarm input	16 Channels
	Alarm output	2 Channels with Relays
	Network port	RJ45 10M/100M adoptive Ethernet network port
	PTZ control port	1 RS485
	USB port	3 USB ports (with USB backup and USB mouse)
	Hard disk port	4 SATA ports (~8 TB)
Others	Power supply	12V/6A external power supply
	Power consumption (without hard disk)	<10 Watts
	Working temperature	0 oC- 55 oC
	Working humidity	10% - 90 %
	Air pressure	86 - 106 Kpa
	Net Weight	4.0 Kg
	Gross Weight	5.0 Kg
	Packing size	560x 420 x 200 mm
	Installation	Frame installation



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