



Digital Video Recorder

16CH H.264 Tribrid DVR

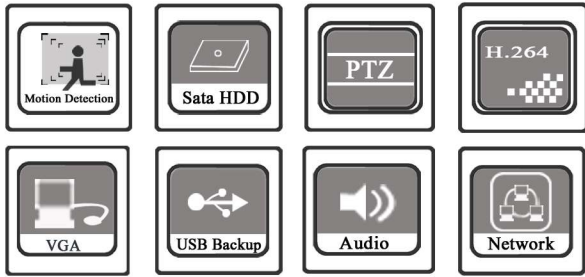


TC-MDVR16HD

Features :

- Compression algorithm upgraded to H.264 High Profile, more advanced video compression technique makes the code stream lowered at least 30%.
- Completely new graphics operating interface design, to let you experience easily and conveniently.
- SDVR combines the functions of DVR/HVR/NVR together, multi-mode input (support analog video, Analog HD video, network HD video input). No need to worry how to be compatible with analog system, to choose DVR or HVR, just one SDVR can work.
- Super Strong processing capacity: can realize 16CH AHD 1080N recording and 4CH AHD 1080N playback synchronously.
- Support main stream and extra stream encode synchronously. Main stream is for local storage to maintain the image quality, extra stream is for network real-time transmission, to easily solve the bottleneck problem of bandwidth.
- Support super cloud service (this function is optional, specialized website for super cloud service: www.dvrcenter.net), one step to do remote control easily & conveniently without any complicated setting.
- Powerful net service (support DHCP,PPPOE,FTP,DNS,DDNS,ARSP (www.dvrcenter.com) NTP,UPNP,EMAIL,IP authority, IP search, alarm center, etc), complete enclosure (WEB,CMS,SDK), to easily achieve interconnection.
- Built-in IE plugs, no need to install from CD disk independently.
- Support 3G & WIFI extension.
- Support multi-browser (IE,Chrome,Firefox,Safari).
- Support kinds of mobile monitor (iPhone,BlackBerry, Android).

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Specifications

Model		TC-MDVR16HD
System	Main processor	Industrial grade embedded micro controller chip Huawei HIS chipset Hi3531
	Operating system	Embedded LINUX operating system
	System resource	Multi-channel real-time recording synchronously, multi-channel real-time playback, multi-channel multi-user network operation, USB back up.
Display	Operation interface	16 bit real color GUI interface support mouse operation
	Display screen	(Take all analog input as an example, others are depended on the selected channel mode)
		1/4/9/16 screen
Video	Image encode	H.264 (High Profile)
	Monitor quality	VGA:1080P ; HDMI:1080P
	Playback quality	Max support 1080P under DVR and NVR mode; Max support AHD 1080N under DVR mode
	Encode capability	16CH AHD 1080N@15FPS (DVR mode)
	Decode capability	4CH AHD 1080N (DVR mode)
	Multi-mode video input	DVR mode: 16CH *1080N@15FPS/16CH*720P/8CH*720P/16CH*AHDL
		HVR mode: 8CH*720P (AHD)+8CH*720P(IPC)
		NVR mode: 4CH*1080P /1CH*1080P+8CH*720P/
Audio	Motion detection	Each channel can set 192 (16*12) detection area: can set multi-level of flexibility (for local analog channel only)
	Audio compression	G.711A
Record and playback	Record mode	Manual, alarm, motion detection, timing
	Local playback	1-4ch playback synchronously; Under the mode of DVR, Max support 4CH AHD 720P playback
	Video search	Time, date, event, channel search
Storage and back up	Space occupation	Video : CIF 4~5G/day*channel, D1 8~10G/day*channel, 720P 20G/day*channel ;
		audio : 691.2MB/day*channel
	Video storage	Local HDD ,Network
Interface	Back up mode	Network backup, USB portable HDD, USB DVD-RW
	Video input	16CH BNC
	Video output	1CH VGA,1CH HDMI
	Audio input	1CH RCA
	Audio output	1CH RCA
	Alarm input	NO
	Alarm output	NO
	Network port	RJ45 10M/100M self-adaptive Ethernet port
	PTZ control	1 RS485 ; support multi kinds of PTZ Protocol
	USB port	2*USB2.0
	HDD port	1 SATA (each max support 6TB)
	Wireless port	3G, WIFI (extension via USB port)
Other	Tour	YES
	Remote controller	YES
	Power	12V/2A
	Dimension	370(Length) x 285(Width) x 72(Height)