



DT-5504C



Main features

- Real Time OS.
- Embedded MCU.
- High performance DSP hardware compression.

Compression function

- H.264 video compression algorithm.
- each channel can be real time (PAL Is 25FPS and NTSC is 30FPS) at CIF resolution.
- Multi-zone motion detection.
- Mask function to mask sensitive area.
- View tampering alarm function for spiteful camera block.
- Video signal loss alarm function.
- Position configurable OSD&LOGO.
- Constant bit rate and variable frame rate.

Network function

- TCP, UTP, RTP, Multicast, DHCP, etc.
- ADSL (PPPoE) dialup function.
- Narrow band (PSTN) dialup function.
- Remote parameters setup.
- Remote playback, download the recorded files in DVR. Remote upgrade DVR firmware.
- Remote control PTZ.
- Internet Explorer for network preview.
- Remote alarm information of DVR.

General Information

DT-5504C has 4-ch video & audio input and 4-ch video loop output. All video channels can support real time encode at CIF resolution.

Storage function

- 4 HDD or 2 HDD and 1 IDE ,CD/RW/DVD-RW, and each HDD can maximum support 2000GB.
- HDD sleep mode.
- HDD S.M.A.R.T function.
- FAT32 file system.
- Many record modes: all time record, motion detect record, external Alarm record,motion & alarm record, motion alarm record, manual record.
- Cycle and non-cycle record mode.
- USB flash disk, USB hard disk and USB CD-RW/DVD-RW for backup.

Units Are Supplied Without HDD and CD/RW

Preview & Playback function:

- Monitor video output.
- VGA output.
- Playback fast, slow, pause, forward, backward, frame by frame, etc.
- Use define preview layout.
- One channel playback

Additional Features

- PTZ local and remote control.
- Multi-lever user management.
- Local and remote search log function.
- Automatic recovery from exceptions leads to high reliability.
- Provide SDK and demo source code to shorten the application development time.

Specification

Model name	DT-5504C	DT-5508C	DT-5516C
Video compression	H.264		
Preview resolution	PAL: 704*576 (4CIF), NTSC: 704*480 (4CIF)		
Playback resolution	CIF/QCIF		
Video input	4	8	16
Video input interface	BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)		
Video output	1 channel, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)		
Video loop out	4	8	16
Total frame rate	PAL: 100FPS NTSC: 120FPS	PAL: 100FPS NTSC: 120FPS	PAL: 200FPS NTSC: 240FPS
Stream type	Video/Video&Audio	Video	Video
Max bit rate	32Kbps--2Mbps, self-define		
Audio input	4	--	4
Audio input interface	RCA (2.0Vp-p, Resistance: 1000Ω)	--	RCA (2.0Vp-p, Resistance: 1000Ω)
Audio output	1 channel, RCA (Linear Electrical Level, Resistance: 600 Ω)	--	1 channel, RCA (Linear Electrical Level, Resistance: 600 Ω)
Audio compression	OggVorbis	--	OggVorbis
Audio compression rate	16Kbps	--	16Kbps
Communication interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface 1 RS232 interface 1 RS485 interface		
HDD IDE interface	2 IDE interface, can support 4 IDE HDD and each HDD can support 2000GB or 2 HDD + IDE CD-RW/DVD-RW		
USB interface	1 USB interface, USB1.1, can support USB flash memory, USB HDD, USB CD-RW/DVD-RW.		
VGA interface	1 VGA interface, support resolution: 800×600/60Hz, 800×600/75Hz, 1024×768/60Hz		
External alarm in	4	8	16
Relay output	2	4	4
Power supply	100~240VAC, 6.3A, 50~60 HZ		
Power consumption	20~42W (without HDD)		
Working temperature	-10℃-- +55℃		
Working humidity	10%--90%		
Size	14.25 inch standard (440mm*390mm*70mm)		
Weight	≤8Kg (without HDD and CD-R/W)		

