



DS-7204HI-VS Series Embedded DVR

Overview

AIRSHIP DVR Client provides complete administrative and operational control of this Embedded DVR.

DS-7000HI-VS series network digital video recorder is an excellent digital surveillance product using an embedded real time operating system, along with the most advanced H.264 video encoding available compressing analog video, recording video to installed hard drives, and providing network access for live and playback. DS-7000HI-VS series devices can work standalone or as part of a powerful surveillance network. DS-7000HI-VS series device are widely used in finance, telecommunication, transportation, manufacturing, warehouse, shipping, gaming, and many other applications.

Front Panel



Rear Panel



Basic Functions

In addition to the user friendly AIRSHIP Client features, this Embedded DVR provides the following stand-alone features.

Recording

- Record to local HDDs or NAS
- Event Based Recording including schedule, manual, motion detection, and external alarm
- Auto-cycle old recordings out, or simply alarm when HDDs are full
- Backup the recorded files and clips with USB DISK, USB HDD, USB CD/DVD-R/W or Internal CD/DVD-R/W

Network

- Advanced Network Function: NTP, DDNS and E-mail
- TCP, UDP, RTP, and Multicast for network preview
- Network record live stream.
- Support IE browser preview and configuration
- Network PTZ control
- Support remote log query
- **Complete User and Administrative control via AIRSHIP Client.**

Preview & Playback

- BNC analog monitor and VGA output
- Multiple preview modes
- Privacy Mask
- View Tampering and Video Signal Loss alert
- Play forward, backward, pause, ff, rw, etc.
- User-defined preview layout
- Multi-channel playback by files or by time
- Display local recording status

PTZ

- Support for many common PTZ protocols.
- Preset, sequence, and cruise programming.

Alarms

- Exception alarm, motion detection alarm, external alarm, etc.

Specifications

Models	DS-7204HI-S	DS-7204HI-VS
Video compression	H.264	
Direct Connect Live View Resolution	CIF	
Playback resolution	CIF/QCIF	
Video Input	4 BNC	
Video Output	1 BNC	
Video Spot Out	1 BNC	
Frame Rate (per channel)	CIF: 30fps	
Stream Type	Video or Video & Audio	
Bit Rate	32 Kbps up to 2 Mbps, user-defined	
Audio Input	RCA (Linear Electrical Level, 600Ω)	
Audio Output	1 channel, RCA (Linear Electrical Level, 600Ω)	
Audio Compression	OggVorbis, 16Kbps	
Communication interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface 1 RS485 interface	
SATA interface	1 SATA interface can max support 1 SATA HDD up to 2000GB	
USB interface	1 USB interface can support USB disk, USB HDD, USB CD-RW/DVD-RW.	
VGA interface	None	1 VGA interface, supports resolution: 800*600/60Hz, 1024*768/60Hz, 1280*1024/60Hz
External alarm in	4	
Relay output	1	
Power supply	12V DC	
Power consumption	10W (without HDD or DVD-R/W)	
Working Temp	-10°C~+55°C	
Working Humidity	10%~90%	
Size	(315mm*230mm*45mm)	
Weight	≤8Kg (without HDD or DVD-R/W)	

PAL: 176×144(QCIF), 352×288(CIF),
NTSC: 176×120(QCIF), 352×240(CIF)

BNC is (1.0Vp-p, 75Ω)