

AIRSHIP

AIRSHIP CS- SERIES EMBEDDED DVR

Overview

AIRSHIP DVR Client provides complete administrative and operational control of this Embedded DVR. CS- 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. CS- series devices can standalone or work as part of a powerful surveillance network. CS- series device are widely used in finance, telecommunication, transportation, manufacturing, warehouse, shipping, retail, and many other applications.



Basic Functions

In addition to the user friendly AIRSHIP Client features, this Embedded DVR provides the following standalone 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 Email
- 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

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Specifications

Models	CS-4xx	CS-8xx	CS-16xx
Video compression	H.264	H.264	H.264
LiveView Res.	NTSC: 704 x 480	NTSC: 704 x 480	NTSC: 704 x 480
Playback resolution	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF
Video Input	4 Channels BNC	8 Channels BNC	16 Channels BNC
Video Output	1 Channel BNC	1 Channel BNC	1 Channel BNC
Frame Rate (per channel)	4CIF: 6FPS	4CIF: 2FPS	4CIF: 2FPS
	2CIF: 15PS	2CIF: 6PS	2CIF: 6PS
	CIF: 30FPS	CIF: 30FPS	CIF: 30FPS
Stream Type	Video or Video & Audio	Video or Video & Audio	Video or Video & Audio
Bit Rate	32 Kbps up to 2 Mbps	32 Kbps up to 2 Mbps,	32 Kbps up to 2 Mbps,
Audio Input	4 Channel, RCA (1000Ω)	4 Channel, RCA (1000Ω)	4 Channel, RCA (1000Ω)
Audio Output	1 Channel, RCA (600Ω)	1 Channel, RCA (600Ω)	1 Channel, RCA (600Ω)
Audio Bitrate	16 Kbps	16Kbps	16Kbps
Communication interface	1 RJ45 10M/100M Self-adaptive Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet
	1 RS-485 port (T+, T-, R+, R-)	1 RS-485 port (T+, T-, R+, R-)	1 RS-485 port (T+, T-, R+, R-)
SATA interface	2 SATA interface up to 2000GB	4 SATA interface up to 2000GB	4 SATA interface up to 2000GB
USB interface	2 ea USB 2.0	2 ea USB 2.0	2 ea USB 2.0
VGA interface	1 VGA interface,1024*768/60Hz	1 VGA interface,1024*768/60Hz	1 VGA interface,1024*768/60Hz
External alarm in	4	16	16
Relay output	1	4	4
Power supply	100-240 VAC 6.3A 50-60Hz	100-240 VAC 6.3A 50-60Hz	100-240 VAC 6.3A 50-60Hz
Power consumption	20W – 42W(without HDD)	20W – 42W(without HDD)	20W – 42W(without HDD)
Working Temp	-10C to +55C	-10C to +55C	-10C to +55C
Working Humidity	10% to 90%	10% to 90%	10% to 90%
Size	17”(W) x 15”(D) x 2.75”(H)	17”(W) x 15”(D) x 2.75”(H)	17”(W) x 15”(D) x 2.75”(H)

