

# AIRSHIP



## Airship CS-4XX Series Embedded DVR

### Overview

AIRSHIP DVR Client provides complete administrative and operational control of this Embedded DVR. CS-4XX 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-4XX series devices can work standalone or as part of a powerful surveillance network. CS-4XX series device are widely used in finance, telecommunication, transportation, manufacturing, warehouse, shipping, retail, and many other applications.

Front View



### 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

<b>Video compression</b>	H.264
<b>Preview / LiveView Resolution</b>	NTSC: 704 x 480 PAL: 704 x 576
<b>Playback resolution</b>	4CIF/DCIF/2CIF/CIF/QCIF
<b>Video Input</b>	4 Channels BNC
<b>Video Output</b>	1 Channel BNC
<b>Video Spot Out</b>	1 Channel BNC
<b>Frame Rate (per channel)</b>	4CIF: 6FPS 2CIF: 12PS CIF: 30FPS
<b>Stream Type</b>	Video or Video & Audio
<b>Bit Rate</b>	32 Kbps up to 2 Mbps, or user-defined (Max. 8Mbps)
<b>Audio Input</b>	1 Channel, RCA (2.0 to 2.4Vp-p, 1000Ω)
<b>Audio Output</b>	1 Channel, RCA (2.0 to 2.4Vp-p., 600Ω)
<b>Audio Compression</b>	OggVorbis, 16Kbps
<b>Communication interface</b>	1 RJ45 10M/100M Self-adaptive Ethernet Interface, 1 RS-485 port (T+, T-, R+, R-)
<b>SATA interface</b>	1 SATA interface can max support 1 SATA HDD up to 2000GB
<b>USB interface</b>	1 USB 2.0 interface can support USB disk, USB HDD, USB CD-RW/DVD-RW.
<b>VGA interface</b>	1 VGA interface, supports resolution: 1024*768/60Hz
<b>External alarm in</b>	4
<b>Relay output</b>	1
<b>Power supply</b>	12V DC
<b>Power consumption</b>	less than 20W (without HDD or DVD-R/W)
<b>Working Temp</b>	-10°C~+55°C
<b>Working Humidity</b>	10%~90%
<b>Size</b>	315mm(W) x 230mm(D) x 45mm(H)
<b>Weight</b>	≤2.8Kg (without HDD or DVD-R/W)

#### Rear View

