



DS-8100HDI-S H.264 / Linux Embedded Recorder

Overview

The DS-8100HDI-S embedded network DVR combining the latest in advanced H.264 technologies delivering rock solid reliability and high performance. It delivers up to 4CIF resolution available in 4,8 or 16 channel.

Model

DS-8104HDI-S - 4 Channel
DS-8108HDI-S - 8 Channel
DS-8116HDI-S - 16 Channel

Standard Features

- ▶ H.264 video compression
- ▶ 4, 8 or 16 channel analog video & audio input
- ▶ Each channel supports dual stream
- ▶ Up to 8ch synchronous playback
- ▶ Independent video encoding parameters
- ▶ Up to 4 SATA HDDs at 2TB each w/DVD bracket
- ▶ HDD standby function
- ▶ Supports DDNS
- ▶ E-mail alert configuration
- ▶ Easy USB backup
- ▶ Remote viewing through IE browser or client software
- ▶ Pentaplex operations enables simultaneous recording, live view, playback, back-up and network operations

Rear I/O Panel Diagram



Advanced Features

- ▶ NEW user friendly, icon driven GUI software
- ▶ Advanced motion detection, privacy mask, tampering and video loss alerts
- ▶ Pre/Post-recording of alarm and motion detected events
- ▶ Full system logging including operation, alarm and exception
- ▶ Video & audio synchronized compression
- ▶ HDD S.M.A.R.T. technology
- ▶ Digital zoom in live view and playback
- ▶ PTZ preset, pattern and patrol control
- ▶ Supports NTP (Network Time Protocol) and SADP (Search Activated Device Protocol)
- ▶ Supports front panel, mouse, IR remote, and keyboard
- ▶ Video file lock option
- ▶ Upload of alarm events to remote management host
- ▶ High resolution VGA display
- ▶ 1 audio input for each video input
- ▶ Supports Blackberry, iPhone, and Windows Mobile 5.0+

Specifications

Video & Audio Input

Video Compression	H.264
Video Input	4, 8 or 16 BNC Analog (1.0 Vp-p, 75 Ω)
Audio Compression	OggVorbis
Audio Input	4, 8 or 16 Ch, BNC (2.0 Vp-p, 1 kΩ)
Voice Talk Input	1 Ch, BNC (2.0 Vp-p, 1 kΩ)

Video & Audio Output

Display	704x480
VGA Output	Up to 1024x768 (60 Hz)
Recording Resolution	4CIF/2CIF/CIF/QCIF
Video Output	BNC (1.0 Vp-p, 75 Ω)
Recording/Playback	DS-8104HDI-S: 4CIF@8fps, 2CIF@30fps, 4ch playback DS-8108/8116HDI-S: 4CIF@12fps, 2CIF@30fps, 8ch playback
Video Bitrate	32 kbps-2048 kbps
Audio Output	BNC (Linear Electric Level, 600 Ω)
Audio Bitrate	16 kbps

External Interface

Network Interface	1x RJ45 10M/100M/1000M Ethernet
Serial Interface	1x RS-232, 1x RS-485 (PTZ), 1x RS-485 (Keyboard Interface)
SATA Interface	DS-8104HDI-S: up to 4 DS-8108/8116HDI-S: up to 8
USB Interface	3x USB 2.0
Alarm Input/Output	DS-8104HDI-S: 4/2 DS-8108/8116HDI-S: 16/4

Dimensions & Electrical

Power Supply	100-240V, 60 Hz
Consumption	<50W (w/o HDD)
Temperature	14° - 131° F
Humidity	10% - 90%
Chassis	19" standard 2U
Size	17 ¾" (L) x 17 ¾" (W) x 3 ¾" (H)
Weight	17.5 lbs