

FEATURES

- Utilizes State-of-the-Art H.264 Compression
- 12VDC to 24VDC Power
- High Performance Dual Core Processor
- Wireless EVDO Cellular Ready
- Available in 4 or 8 Channels
- Simultaneously Records both Audio and Video up to 30 FPS on All Channels
- Intelligent Internal Power Supply
- PDA Interface
- Built-In Web Server for Internet Viewing and Control
- Designed for Harsh Environmental Conditions
- 1TB Hard Drive Space for 30 – 90 Day Video Storage
- CIF, 2CIF, DCIF, and 4CIF resolution programmable per channel



The SkyCop® Industrial / Mobile IT Class DVS (Digital Video Server) is designed for automotive video systems and harsh environmental conditions where traditional digital recorders cannot be used. The Mobile DVS can record 4 or 8 channels of audio and video up to 30 FPS (Frames Per-Second) on all channels using the state-of-the-art H.264 Hardware Compression. The Mobile DVR has an Intelligent Microcontroller DC Power Supply that controls and monitors various functions of the power supply operation. The Mobile DVS can monitor mechanical aspects of the vehicle such as vehicle speed and temperature.

The Mobile DVS uses the most advanced techniques to maximize efficiency and performance. Centralized operating platform allows total integration to other SkyCop products such as SkyCop® IP Encoders, SkyCop® IP Cameras, and SkyCop® Remote Trailer Systems. User options such as local and remote view capabilities are programmable by individual user. Complete remote configuration and administration can be performed by the remote client via a network connection. Built-in web server allows remote access via the Web. The Mobile DVS is equipped with an EVDO Cellular Interface.

Industrial / Mobile ITX DVS Hardware Specifications

- ◆ Intel Core 2 Duo Processor T7200 2GHz
4MB CPU
- ◆ 60GB Control Hard Drive / 1TB Video
Storage Drive
- ◆ 2GB DDR RAM
- ◆ 2xPCI; 1xPCI-Ex16; 1xPCI-Ex1
- ◆ Available with 8, 16, or 32 Video and Audio
Inputs
- ◆ Supports DVI Output
- ◆ Supports S-Video Output
- ◆ LAN Intel Gigabit PCI Express LAN chip
- ◆ 8 USB 2.0 Ports
- ◆ 2 RS-232 Ports
- ◆ 80-wire IDE x 1 cable; Serial ATA Cable x 1
- ◆ Shut Down Delay Time 10sec Default; 10
min, 30 min, 60 min set by jumper
- ◆ Selectable Start-up Voltage and Low battery
shutdown voltage
- ◆ Cooling: Forced air or thermal coupling to
heat sink.
- ◆ Operating temperature range: -20°C -4°F to
65°C 149°F.
- ◆ External Dimensions: 14" x 9.68" x 2.92"
- ◆ Weight: 1.63 Kg, 3.6 lbs

DVS Software Features

- H.264 Compression Hardware Support
- Web Access Via LAN or WAN
- Real Time Full-Motion Video
- Capture and Display (Up To 64 Channel
Input)
- Synchronous Audio Recording
(Optional)
- Video Motion Detection (Up To 12
Zones per Channel)
- Record Continuous or Event Record
(Motion Detection or Sensor Input)
- On-Screen "Pop-Up" Maps on Alarm
Trigger
- System and Alarm Event Logging
- Pre-Alarm Recording
- Remote Recording
- Automatic Alarm Message Transmission
- Instant Playback (10 Seconds to 8
Minutes)
- Automatic Emailing of Associated Alarm
Images
- Selectable Matrix Display and Group
Display of Local and Remote Video
- Duplex Recording and Playback
- Full Network Support (LAN, Ethernet,
PSTN, ISDN, ADLS)
- PTZ, Focus, and Speed Control Via the
Keyboard
- Search/Playback by Date/Time (Random
Access)
- Backup to CD / DVD Burner Directly
- Remote Chat Between Server and Client
or Server to Server
- Cellular EVDO, G3 / PDA Connectivity
- IP Device Control and Maintenance
- Smart Search in Motion Recording Mode
- Digital Input and Output Control
- Remote System Administration Through
Client Software
- CIF, 2CIF, DCIF, and 4CIF Resolution
Programmable per Channel