



16-channel Digital Video Surveillance Recorder System

DVR-3100



Preliminary

- Manages up to 16 cameras
- Supports 1, 4, 6, 8, 9, 10, 16 preview windows
- MPEG-4 ASP compliant hardware compression
- Up to Full D1 resolution
- Up to 30 FPS per channel
- Customizable logo and user interface
- Automatic frame rate control for video streaming
- Preview / Record / Playback functions
- Background recording and multi-window playback
- Create snapshot images and export video clips
- Digital I/O event handling
- Maximum 30 seconds pre-event recording
- Supports PTZ and Digital I/O controls
- Search video clips by date, time and event

▶ **16 Channels of video displaying at the same time**

Have you ever seen full-motion video on the web with the images get blocky and distorted? Paraticularly if there is a lots of movement in the image. So bear this in mind if you thinking of buying a Digital Video Serveillance system without the blocky and distorted image, ACTi's DVR-3100 is your best of choice because the DVR-3100 is a highly integrated hardware and software solution for Digital Video Surveillance System. It manages up to 16 cameras via ACTi's own-designed Capture Compression Card - PCI-4100, and supports multiplex display in 1,4, 6, 8, 10 and 16 split modes via ACTi's own-designed Realtime Display card-PCI-6100. The Software Application that comes free of charge with the DVR-3100 makes the Surveillance System more easier to use and manage, the features include Previewing, Recording, Playback, Searching, Digital I/O Control, PTZ Control, Event Handling and eMap. Beyonds that some hardware specific features such as the Watch Dog Timer to enable the Disconnect Detection, and the 16 General Purpose Input Output (GPIO) provide the most flexible alaram incidents for inputs and outputs.

PRODUCT SPECIFICATION

Video	
Camera Input	Selectable # of 4/8/12/16 cameras
Frame Rate	Selectable with 120/240/360/480 fps
Compression Standard	MPEG-4
Input Connector	Up to 16 BNC connectors
Output Connector	BNC x1 , VGA x1(VGA integrated in chipset)
Resolution	NTSC (720 x 480) / PAL (720 x 576)
Storage	
Optical Storage	8X DVD-RW or 48X CD-RW
USB Storage	USB 2.0 port x2
Hard Disk	Max. 4 HDDs (default 120 GB)
Removable HDD Tray	Optional
Ethernet	
Ethernet	10/100/1000 Mbps x1
Monitoring	
Interface	Web-based GUI
PTZ Control	Support Web GUI and RS-422/485
Screen Split	Configurable with 1/4/6/9/16 multiplex display view
Disconnect Detection	Via watch dog timer
Recording	
Manual Recording	Start and stop manually
Repeat Recording	Record video repeatedly and erase aged video files with user-defined maximum video file size.
Schedule Recording	Record video with user-defined schedule and time period
Digital I/O Event Recording	Record video when an event is triggered
Motion Detection Recording	Record video when motion detected

Pre-event Recording	User-defined time period to record before a certain event occurs. maximum: 30 seconds.
Post-event Recording	User-defined time period to record after a certain event occurs.
Bookmark	Set bookmark as an event index for search later on
Watermark	Digital time code embedded from hardware
Playback	
Mode	Play, pause, stop, fast forward, fast rewind
Advanced Mode	Play backward, frame-by-frame display
Multiple-window Playback	Multiple channel playback at the same time
Play Multiple Files	Play multiple files for a period of time
Create Snapshots	Create snapshot images on-the-fly and as an event index for search later on
Export Video	Export multiple video files in one AVI file.
Searching	
Time Sequence Search	Search video clips with date, time
Bookmark Search	Search video clips with user-defined bookmarks
Digital I/O Event Search	Search video clips with digital I/O events
Motion Detection Event Search	Search video clips with motion detection events
Thumbnail Image search	Search video clips with thumbnail image previews
Video Loss Event Search	Search video clips with video lost events
Alarm	
Input/Output	Via the max. 16 sensor inputs (GPIO)