

# Ikegami SDR-C8100-16 Digital Video Recorder

16 Camera Inputs, 400 ~ 800 GB HDD

## Features

- . Sites Up To 16 Cameras
- . Built In Video Motion Detection
- . Camera Pan / Tilt / Zoom Control
- . Up To 80 Images Per Second
- . 8 Alarm & Control Outputs
- . Hardware Watchdog
- . On Screen Menu Programming Options
- . Capable Of Searching Data By Time, Date, & Motion
- . Up To 800 GB's of Hard Disk Storage For Over 80 Days Of Recording
- . Multiple Camera Displays For Playback While Viewing & Live Viewing
- . Back Up Capability ( Tape Drive, CD-RW, or Floppy Disk )
- . Various Recording Modes ( Continuous, Motion, & Scheduled )
- . Remote Viewing, Access & Control Via PSTN, TCP/IP ( LAN / WAN / Internet )



SDR-C8100-16 allows a PC-based system to network, control, digitize and store recordings and retrieve visual images in variety of flexible options. It protects the investment in previous systems without most of the existing cameras, cables and monitors being modified.

SDR-C8100-16 Digital Video Recorder combines high-resolution video processing with CD-RW media capabilities. SDR-C8100-16 records and displays events instantly, no waiting for tapes to rewind and fast-forward.

SDR-C8100-16 is the perfect solution for unattended recording. With SDR-C8100-16, there are no hassles of changing tapes every 2 to 6 hours. With no heads to clean and no media deterioration over hundreds of cycle, Optical Disk storage ensures extra long life for both the recorder and media.

SDR-C8100-16 allows the user to view live video while recording and operate the pan, tilt, or zoom. It also has the capability of remote site access. View live data from another location with individual site settings, and multiple user password levels.

SDR-C8100-16 is equipped with relay outputs to controls, built-in video motion detection, and alarm based recording. It records one to sixteen camera inputs to a monitor. Analog TV-out is available for viewing purpose on TV. High Speed Search operations include time and date search, index searching, skip searching, and motion searching.

SDR-C8100-16 has features like customizing a recording schedule. Motion and Continuous make it easy to fit all the needs. The motion feature can be used so that HDD is not being wasted. Each camera can be programmed to detect motion, along with the feature of adding multiple trap areas and motion sensitivity.

There are variety of DVR models to meet your exact needs. There are 9 channel system with 200GB storage to 800 GB storage, depending on how much storage capacity is needed.

It has alarm inputs that triggers alarm recording when a signal is received from the alarm device. This tells SDR-C8100-16 to start recording. A pre-alarm recording function can be set to record images before the alarm sensor detects disturbances.

Remote control ( Client ) software is included with SDR-C8100-16.

### GENERAL

Operating Temperature	41 to 104 F° ( 5 to 40 C° )
Relative Humidity	Maximum 80% non-condensing
Dimensions	7"H X 17"W X 18"D
Weight	41 lb - 55 lb

### HARDWARE

Size	Rack Mountable 4U
CPU	P4 1.5 GHz or Above
RAM	256MB RAM
HDD	400 GB ( Up to 800GB )
FDD	1.44 MB
Drive	CD-RW standard ( DVD-RAM, DAT optional )
VGA	AGP 64 MB
Image Capture Board	1 Digital Capture Board
Power	300W / 4A ( 220V /110V )
Input Device	Keyboard / Mouse
Network Card	10/100 Mb Ethernet Standard
Modem	56K Modem Standard

#### Connectors

BNC	16 Inputs & 1 TV Out
PS/2	2 Ports ( Keyboard & Mouse )
Push-in	8 Inputs / 8 Outputs
16-pin D-type	2 COM Ports
15-pin D-type	1 SVGA Monitor port
25-pin D-type	1 Parallel Port
RJ-45	1 Port for Network Card
RJ-11	2 Port for Modem
USB	2 Ports

### RECORDING TIME TABLE

In case of continuous full recording ( 80 frame ) in 16 channel

HDD	100 GB	200 GB	400 GB
TIME	69.4 Hrs	138.9 Hrs	277.8 Hrs

This recording time is changeable according to use environment and recording image.

### ELECTRONICAL & VIDEO

Channel	16 Channel
Signal System	NTSC / PAL
Monitoring Frame	Full Live ( 480 Frame / sec )
Recording Frame	Up to 80 Frame / sec
Alarm	8 Inputs / 8 Outputs
Compression	M-JPEG
Compressed Image Size	Average 7KB
Video Inputs	16 Inputs
Video Outputs	1 VGA / 1 SVIDEO / 1 TV Out / 1 BNC
PTZ Control Outputs	RS-232 / RS-485
Remote Control	via PSTN / ISDN / TCP/IP

#### Recording Resolution

NTSC	352 X 234 / 704 X 468
PAL	352 X 282 / 704 X 564

### SUPPLIED ACCESSORIES

Installed Windows 2000 /w Licence Number  
DVR Server / Client software  
Keyboard & Mouse  
( Monitor not included )

### MINIMUM REQUIREMENTS FOR CLIENT SOFTWARE

Intel Pentium III processor 700MHz  
128 MB of memory  
1024 X 768 display setup  
32 bit color display  
Must have Internet connection for remote access

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