

## *Seeing is Believing*

SDR-301 and SDR-304 digital recorders for video security, these recorders are of the highest quality and long time recordings. Recording quality with very low degradation by making full use of unique digital technology. As a pioneer of DVR's, Ikegami put broadcast video technology to work in the security industry. It has been finalized as a more friendly recorder with functions which has been required for professional video security.



### **Features:**

- Networkable (10 / 100 Ethernet, supplied with viewing software)
- Simultaneous REC/ PLAYBACK function
- Instant searches by date, time and alarm/ event
- Pre-alarm function, which start recording before alarm event
- E-mail notification upon alarm
- Recording time settings from 20 hours to 633 days



1CH Digital Recorder  
**SDR-301**



4CH Digital Recorder  
**SDR-304**

# 1 CH Digital Recorder **SDR-301**

# 4 CH Digital Recorder **SDR-304**

## SDR-300 Series

- **Simultaneous REC/PLAYBACK**  
Even it is recording, playback is available.
- **Quick Search**  
Time & Date search, Rewinding Start and Alarm Event search. It is easy to playback what you want quickly.
- **Pre-Alarm Recording**  
Pre-Alarm recording is available, which records video and audio for maximum 5 seconds before alarm event.
- **Special Playback**  
Various playback mode of recorded video. (Playback/Reverse Playback, Single Picture Playback /Reverse Single Picture Playback, Fast Playback/Fast Reverse Playback, Still Picture)
- **Timer Recording Function (10 Program)**
- **INPUT/OUTPUT Terminal**  
Connection Switching Function by Setup Menu
- **Automatic Resumption Function**
- **LAN Interface**
  - Ethernet LAN (10/100BASE)
  - As Network Function (bundled Remote Viewer), it has an alarm e-mail function and remote surveillance function via network. Video recording is available at client PC too.

## SDR-301

- Recording of one choosing camera line, or more camera lines through a multiplexer are available.
- It is employed Motion-Jpeg for video compression. Video and audio recording and playback is available with 640 x 240 pixels (NTSC) in every interval mode.

## SDR-304

- Recording and playback of 4 asynchronous camera video with multiplexer function.
- Quad screen for 4 camera video of real motion at once.
- Spot monitor output provides independent monitoring function, which is one selected channel or auto sequential video of all channel.
- Alarm interleave recording function, which records alarm channel by high quality picture (low compression) with normal recording of other channel continuously.

### Recording time(Without Audio)

Record Mode	C:Standard Resolution	B:Medium Resolution	A:High Resolution
0.1 fps	633 days	366 days	244 days
0.2 fps	317 days	183 days	122 days
0.5 fps	127 days	73.5 days	49.0 days
1 fps	63.7 days	36.7 days	24.5 days
2 fps	32.9 days	18.7 days	12.4 days
5 fps	13.5 days	7.6 days	5.0 days
10 fps	6.8 days	3.8 days	2.5 days
15 fps	4.5 days	2.5 days	1.7 days
30 fps	2.3 days	30 hrs	20 hrs

\*Record chart for SDR-301 with 80GB hard drive

\*Recording chart for SDR-304 refer to Ikegami website <http://www.ikegami.com>

### Rating / Specification

	SDR-301	SDR-304
Video Input Signal	RS - 170A comply(color) or RS - 170A(B/W) Composite 1.0Vp-p/75ohms unbalanced	
Video Input Lines	1 line for recording; BNC 1 line for Multiplexer Monitor; BNC	4lines: BNC
Video Output Signal	RS - 170A comply(color) or RS - 170A(B/W) Composite 1.0Vp-p/75ohms unbalanced	
Video Output Lines	1 line for playback BNC 1 line for Multiplexer Monitor; BNC	2 lines: BNC, Multidisplay output, Sequential (Spot)
Audio Input	1 channel(mono) -10dBV(316mV)/10Kohms unbalanced; RCA	
Audio Output	1 channel(mono) -10dBV(316mV)/10Kohms unbalanced; RCA	
Video Compression	Motion-JPEG	
Sampling Picture Elements	640(H)×240(V)	720(H)×240(V)
Digital Process Audio	PCM 7.35KHz	
Recording Interval	11 steps(30fps to 0.1fps)	
Recording Picture Quality	3 Steps(A:High Resolution, B:Medium Resolution, C:Standard Resolution)	
Pre-Alarm	Max 5 sec.	
HDD	80GB	
Serial Interface	RS-232C	
Network	Ethernet LAN (10/100 BASE)	
Power Supply	AC120V±10% 60Hz Approx. 21W	AC120V±10% 60Hz Approx. 26W
Operating Temperature	+5°C to +40°C(41°F to 104°F)	
Dimensions	W300×H88×D320mm(11.8×3.46×12.59inches) Without any protruding portion	
Weight	Approx 4.2kg(9.26 lbs)	4.3kg(9.48lbs)

### Actual SDR-300 screen shown



### Rear Panel



SDR-301



SDR-304

Design and specifications are subject to change without notice.

**Ikegami** IKEGAMI ELECTRONICS (U.S.A.), INC. ■ URL <http://www.ikegami.com>

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**HEADQUARTERS** 37 BROOK AVENUE, MAYWOOD, NJ 07607 Phone:(201) 368-9171 Fax:(201) 368-1305  
**WESTCOAST OFFICE** 2631 MANHATTAN BEACH BLVD., REDONDO BEACH, CA 90278 Phone:(310) 297-1900 Fax:(310) 536-9550  
**SOUTHWEST OFFICE** 526 BLUEBIRD LANE, RED OAK, TX 75154 Phone:(972) 869-2363 Fax:(972) 556-1057  
**MIDWEST OFFICE** 747 CHURCH ROAD, UNIT C1 ELMHURST, IL 60126 Phone:(630) 834-9774 Fax:(630) 834-8689  
**SOUTHEAST OFFICE** 5200 N.W. 33RD AVENUE, SUITE 111 FORT LAUDERDALE, FL 33309 Phone:(954) 735-2203 Fax: (954) 735-2227