Ikegami

GIVING NEW VALUE TO IMAGES

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 17 hours to 453 days

1CH Digital Recorder
SDR-301

4CH 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 Rivers 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 768 x 286 pixels (PAL) 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.
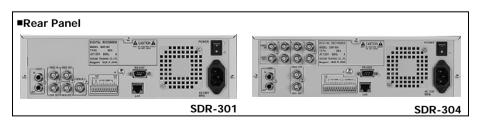
■Recording time

Record Mode	Standard Resolution	Medium Resolution	High Resolution
0.1 fps	453 days	257 days	173 days
0.2 fps	227 days	129 days	86.8 days
0.5 fps	91.0 days	51.6 days	34.7 days
1 fps	45.5 days	25.8 days	17.4 days
2.5 fps	18.7 days	10.5 days	7.0 days
4.17 fps	11.3 days	6.3 days	4.2 days
8.33 fps	5.7 days	3.2 days	2.1 days
12.5 fps	3.8 days	2.1 days	1.4 days
25 fps	1.9 days	1.1 days	17 hours

*Recording time chart for SDR-301 with 80GB hard drive

*Without audio recording

■Rating / Specification

	SDR-301	SDR-304
Video Input Signal	PAL-B comply (color) or CCIR (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	PAL-B comply (color) or CCIR (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, Multidispaly 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	768(H)×286(V)	704(H)×286(V)
Digital Process Audio	PCM 7.35KHz	
Recording Interval	11 steps (25fps to 0.1fps)	
Recording Picture Quality	3 Steps (A:High, B:Medium, C:Standerd)	
Pre-Alarm	Max. 5 sec.	
HDD	80GB	
Serial Interface	RS-232C	
Network	Ethernet LAN (10/100 BASE)	
Power Supply	AC230V±15% 50Hz Appox. 23W	AC230V±15% 50Hz Approx. 29W
Operating Temperature	+5C°~+40C°	
Dimensions	W300xH88xD320mm Without any protruding portion	
Weight	Approx. 4.2kg	Approx. 4.3kg

■Viewer Software

■Rear Panel

SDR-301

SDR-304

Design and specifications are subject to change without notice.