

Ikegami

GIVING NEW VALUE TO IMAGES

Digital Recorder **SDR-300 Series**

1CH Digital Recorder

SDR-301

4CH Digital Recorder

SDR-304



Digital

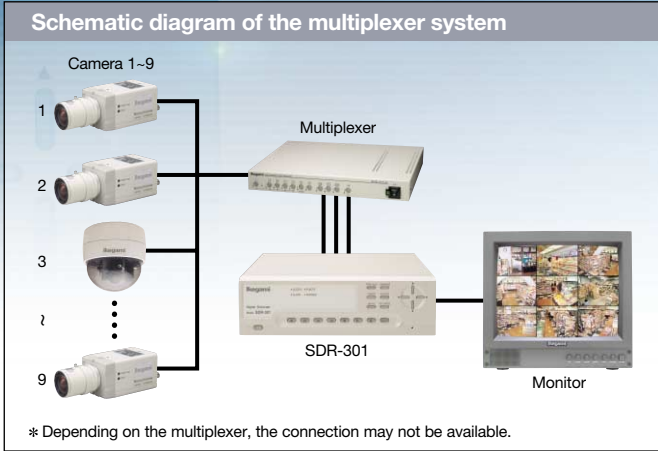
Networkable

GIVING NEW VALUE

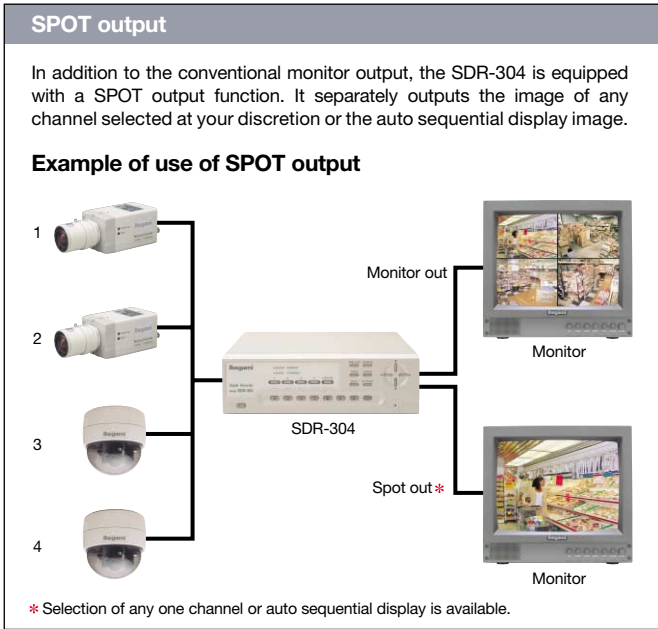
Featuring the latest digital technologies. A digital recorder that can be readily introduced without losing any of the basic features of video equipment for professional use, including high image quality and the functions essential to digital recorders used for surveillance. Also equipped with a networking function, it meets demands for remote monitoring.



The SDR-301 is a single-input digital recorder. Connected with a multiplexer, it creates a multi-camera monitoring system.



The SDR-304 is a digital recorder with four channel inputs. It supports a real motion multi-screen display function that enables simultaneous viewing of images from four monitoring cameras. Naturally, you can also conduct intensive surveillance of a single specific location in single screen mode, which displays the image from any single camera that you select. In single screen mode, auto sequential display is available, in which the monitor automatically switches four camera images in rotation.



Digital high picture quality

This digital recorder delivers clear pictures as it records on an 80GB HDD. While in still display mode, it produces vibration-free pictures, unlike VCRs.

Functionality unique to digital technologies

Simultaneous record and playback
Recording can be continued while playing back a different picture in the time slot that you want to check.
* Recording interval : 1/5 to 10 seconds in NTSC, 1/4.17 to 10 seconds in PAL



Instant search
The picture at the specific date and time or at the alarm input can be instantly played back.

E TO IMAGES

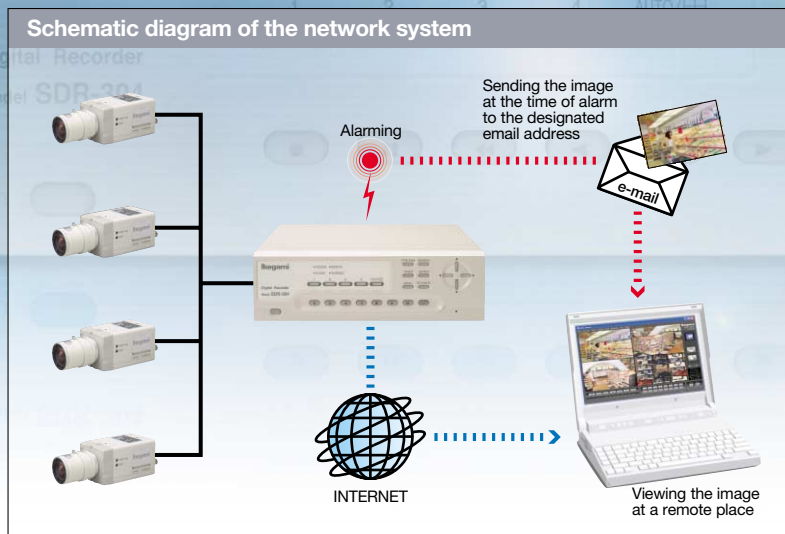
Networkable

Using the accompanying viewing software, you can view live images at a remote location via the Internet. You can also check and search recorded pictures. The recorder is also equipped with an alarm e-mail function that sends an e-mail attached with the picture at the time of the alarm to your e-mail address.



SDR-300 Viewer

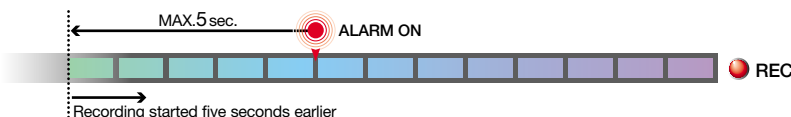
- Displays live images from the SDR Series
- Provides diverse search functions, including an index search, time search and alarm search, to help you view the picture you want instantly
- Supports still picture zooming, camera picture switching and multi-screen display *Zooming of live images is unavailable.
- Displays the time, the data and the title on recorded images
- Stores replayed images onto the PC so that they can be played back offline



A wide range of alarm recording features

Pre-alarm Recording function

Video and audio recording can be started a maximum of five seconds earlier than an alarm event. It enables you to view the situation just before the error takes place.



Alarm Interleave Recording function (SDR-304)

The alarm channel is recorded with higher picture quality as normal recording of other camera channels continues.

Normal Recording Operation



Alarm Channel Recording Operation : records the camera image on the alarm channel only



ALARM ON 2CH [Red Circle Icon] Alarm Hold Time (0s-3m59s)

Alarm Interleave Recording Operation : records the camera image on the alarm channel in high density while normal recording of other channels continues.



ALARM ON 2CH [Red Circle Icon] Alarm Hold Time (0s-3m59s)

One-shot recording function

With simultaneous use of the pre-alarm recording function, it performs recording for the preset durations before and after alarm input.

On recording function

Recording continues only while the alarm is on.

Off recording function

Pictures are recorded while the alarm is on and for the preset duration after the alarm is stopped.

Functions essential to monitoring enhanced

This recorder has other enhanced features, including timer recording, different types of alarm recording, multi-screen display (quad screen for the SDR-304 only), text display, HDD remaining recording time display (in One-Pass Recording mode) and remote control via the RS-232C.

Specifcatons

	SDR-301 [NTSC]	SDR-301 [PAL]	SDR-304 [NTSC]	SDR-304 [PAL]
Scanning System	525 Lines, 60Field / sec. 2:1 Interlace	625 Lines, 50Field / sec. 2:1 Interlace	525 Lines, 60Field / sec. 2:1 Interlace	625 Lines, 50Field / sec. 2:1 Interlace
Video Input Signal	Composite 1.0Vp-p/75ohm			
Video Input	1 channel for recording: BNC 1 channel for Multiplexer Monitor: BNC		4 channels: BNC	
Video Output	1 channel for playback: BNC 1 channel for Multiplexer Monitor: BNC		1 channel for Multi display output: BNC 1 channel for Sequential switched (Spot) output: BNC	
Audio Input	1 channel(mono):-10dBV(316mV)/10Kohm: RCA 1 channel(mono):-10dBV(316mV)/600ohm: RCA			
Audio Output	Motion JPEG			
Compression Method	Motion JPEG			
Resolution	H640xV240	H768xV286	H720xV240	H720xV286
Picture Quality Mode	3 Step (A : High Resolution, B : Medium Resolution, C : Standard Resolution)			
Recording Interval	1/30sec. ~10sec.	1/25sec. ~10 sec.	1/30sec. ~10 sec.	1/25sec. ~ 10 sec.
Pre Alarm	Max. 5 sec.			
Storage Device	HDD: 80GB/120GB			
Eternal Input/Output	parallel	Alarm Input x 1, Terminal		Alarm Input x 4, Terminal
		Multiplexer Output x 1, Terminal		---
	Serial	Error1, error2, Time-Reset, Record Mode, UPS Terminal		---
		RS-232C(D-sub 9pin DTE)		---
Network Connector	10BASE-T/100BASE-TX(RJ-45)			
Power Requirement	AC100V±10% 50/60Hz AC120V±10% 60Hz	AC230V±10% 60Hz	AC100V±10%50/60Hz AC120V±10% 60Hz	AC230V±10% 60Hz
Power Consumption	21W	23W	26W	28W
Ambient Temperature	+5°C~+40°C (41°F ~104°F)			
Dimensions	W300xH88xD320mm (W11.81xD3.47x12.60inch)			
Weight	4.2kg(9.26 lbs)		4.3kg(9.48 lbs)	

Recording Time Without Audio (HDD:80GB)

SDR-301[NTSC]

Recording Interval (Second)	1/30	1/15	1/10	1/5	1/3	1/2	1	2	3	5	10
A: High Resolution	20.1 hours	1.7 days	2.5 days	5.0 days	8.3 days	12.4 days	24.5 days	49.0 days	73.5 days	122.4 days	244.5 days
B: Medium Resolution	30.5 hours	2.5 days	3.8 days	7.6 days	12.6 days	18.7 days	36.7 days	73.5 days	110.2 days	183.5 days	366.4 days
C: Standard Resolution	54.5 hours	4.5 days	6.8 days	13.5 days	22.2 days	32.9 days	63.7 days	127.3 days	190.8 days	317.7 days	633.6 days

SDR-301[PAL]

Recording Interval (Second)	1/25	1/12.5	1/8.33	1/4.17	1/2.5	1/1.67	1	2	3	5	10
A: High Resolution	17.0 hours	1.4 days	2.1 days	4.2 days	7.0 days	10.5 days	17.4 days	34.7 days	52.1 days	86.8 days	173.5 days
B: Medium Resolution	25.5 hours	2.1 days	3.2 days	6.3 days	10.5 days	15.7 days	25.8 days	51.6 days	77.4 days	129.0 days	257.7 days
C: Standard Resolution	45.8 hours	3.8 days	5.7 days	11.3 days	18.7 days	27.8 days	45.5 days	91.0 days	136.4 days	227.1 days	453.3 days

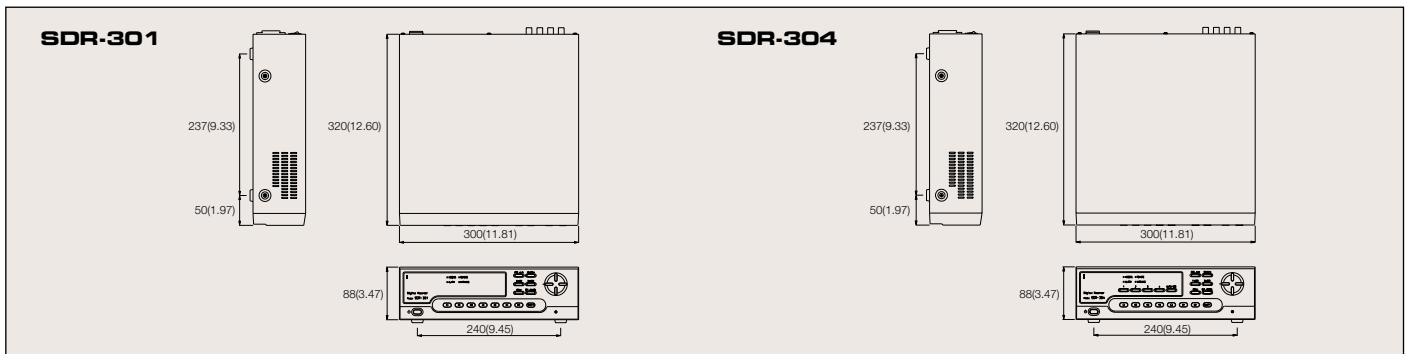
SDR-304[NTSC]

Recording Interval (Second)	1/30	1/15	1/10	1/5	1/3	1/2	1	2	3	5	10
A: High Resolution	18.6 hours	1.6 days	2.3 days	4.6 days	7.7 days	11.5 days	22.8 days	45.5 days	68.2 days	113.7 days	227.1 days
B: Medium Resolution	27.8 hours	2.3 days	3.5 days	6.9 days	11.4 days	17.1 days	33.5 days	67.0 days	100.5 days	167.4 days	334.4 days
C: Standard Resolution	50.9 hours	4.2 days	6.3 days	12.6 days	20.8 days	30.8 days	59.7 days	119.3 days	178.5 days	297.9 days	594.2 days

SDR-304[PAL]

Recording Interval (Second)	1/25	1/12.5	1/8.33	1/4.17	1/2.5	1/1.67	1	2	3	5	10
A: High Resolution	18.3 hours	1.5 days	2.3 days	4.6 days	7.6 days	11.3 days	18.7 days	37.5 days	56.2 days	93.6 days	187.1 days
B: Medium Resolution	27.8 hours	2.3 days	3.5 days	6.9 days	11.4 days	17.1 days	28.1 days	56.2 days	84.3 days	140.4 days	280.4 days
C: Standard Resolution	50.9 hours	4.2 days	6.3 days	12.6 days	20.8 days	30.8 days	50.3 days	100.5 days	150.7 days	251.0 days	500.8 days

Dimensions:mm (inch)



Design and specifications are subject to change without notice.

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