



# 1-CHANNEL DVR WITH REMOVABLE HDD

**DSR-300Rxxx**

- "VCR Replacement" Digital Video Recorder
- Front Loading Removable Hard Drive with Caddy
- 80GB, 160GB and 300GB Removable Storage Capacity
- Picture Quality Modes from VHS-Like to 520TVL Resolution
- 60fps Digital Duplex Capability
- Versatile Recording Speeds
  - Up to 60 FPS
  - 27 Recording Speeds
  - Audio Recording
- Alarm Only Recording
- Easy Search Capability
  - Motion Search on Playback
  - Time/Date Search
  - Alarm Search
  - Alarm Thumbnail Search
- CompactFlash™ slot for removable media
- Optional Ethernet Port for LAN or Internet Control
  - Browser-based Control with IE 5.0 +
- Optional RS-485 Board for SSP Control
- 8.27" (210mm) Half-chassis Configuration



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## DSR-300Rxxx

### Specifications for DSR-300Rxxx

General	
Hard Disk Capacity	Optional 80GB, 160GB and 300GB HDDs available
Picture Resolution	720 x 240 (Field) 720 x 480 (Frame)
Compression	M-JPEG
Picture Quality	5 Levels (Basic/Normal/Enhanced/Fine/Super Fine)
Recording Type	Frame or Field Recording
Recording Speed	27 levels
Recording Area	Normal Recording / Alarm Recording / Archive Areas
Menu Language	English / French / Spanish
Clock setup	Month / Day / Year / Hour / Minute / Second
Signal Format	NTSC Color Signal Standard
Search Mode	
Time/Date Search	Search by Time and Date
Alarm Search	Search by Alarm Event List
Alarm Thumbnail Search	Search by Alarm Event Thumbnails
Archive Area Search	Search by Archive Area with Event List
Motion Detection Search	Search by Specifying a Motion Sensor in the Play Back Mode
Video	
Video Input	1.0V p-p / 75 Ohms unbalanced (BNC)
Video Output	1.0V p-p / 75 Ohms unbalanced (BNC)
Loop Output	1.0V p-p / 75 Ohms unbalanced (BNC)
Audio	
Audio Input	-8dBs, 27k-Ohms unbalanced (RCA pin jack)
Audio Output	-8dBs, 600 Ohms unbalanced (RCA pin jack)
Interface	
CF Slot	CompactFlash™ Type II
LAN Terminal*	10BASE-T / 100BASE-TX (RJ-45)
RS-485*	RJ-11 x 2
RS-232C*	D-SUB9 pin
Control Signal	
Remote Control In	VA-RMN01 Remote Control or 3.5mm Mini Jack
Alarm Input	Normal Open, Low Level Active
Alarm Output	Normal 5V DC, Low Level Active
Alarm Reset Input	Normal Open, Low Level Active
SW Output	Switching Pulse
Non REC Output	Normal 5V DC, Low Level Active
Clock Adjust Input	Normal Open, Low Level Active
Clock Adjust Output	Normal 5V DC, Low Level Active
Warning Output	Normal Open, Low Level Active
Full Warning Output	Normal 5V DC, Low Level Active
Alarm Full Output	Normal 5V DC, Low Level Active
Series Input	Normal 5V DC, Low Level Active
Series Output	Normal Open, Low Level Active
Electrical	
AC Adapter	120V to 240V AC, 50 / 60 Hz
Current Consumption	13W
Physical	
Operating Conditions	Temperature: 41° to 104°F [5° to 40°C]
Operating Humidity	10% to 80%
Dimensions (W x H x D)	8.27 x 3.78 x 14.96 in. [210 x 96 x 380mm]
Weight	6.8 lbs. [3.1Kg]

\* Optional board (sold separately)

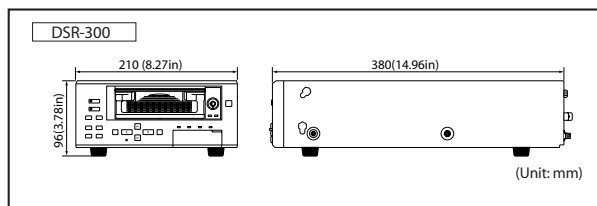
Specifications and product design are subject to change without notice.

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### 160GB Picture Quality / Recording Cycle & Recording Duration

Recording Speed (field/sec)	Recording Cycle (sec)	Picture Quality				
		Basic 17 kB	Normal 24 kB	Enhanced 32 kB	Fine 44 kB	Super Fine 58 kB
60.00	0.02	42	30	22	16	12
30.00	0.03	85	60	45	32	24
20.00	0.05	127	90	67	49	37
15.00	0.07	170	120	90	65	49
10.00	0.10	255	180	135	98	74
7.50	0.13	340	241	180	131	99
6.00	0.17	425	301	226	164	124
5.00	0.20	510	361	271	197	149
3.75	0.27	680	482	361	263	199
3.00	0.33	851	602	452	328	249
2.00	0.50	1,276	904	678	493	374
1.00	1	2,553	1,808	1,356	986	748
0.03	30 (max)	76,593	54,253	40,690	29,592	22,449
		Recording Duration (Hour)				

(For 300GB Multiply by 1.875)  
(For 80GB Divide by 2)



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