

ADT VIDEO SERVICES COMPLIANT



## H.264 4-Channel Digital Video Recorder w/ DVD-RW

### KEY FEATURES AND BENEFITS

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <ul style="list-style-type: none"> <li>• 4-channel looping BNC inputs</li> <li>• 4-channel audio recording / 1-channel audio playback</li> <li>• H.264 compression with Real Time 120/240-ips at 2-CIF resolution</li> <li>• Internal DVD-RW and two USB 2.0 ports</li> <li>• Concurrent BNC / VGA video outputs and 1-spot monitor output</li> <li>• Powerful search modes by calendar, time-date, event, motion, museum, text-in</li> <li>• 2X Digital Zoom, 1-Touch / 2-Touch Clip/Copy archiving</li> <li>• Temperature Check, SMART Diagnosis, Auto Recovery, Auto Deletion and Network Time Sync</li> </ul> | <ul style="list-style-type: none"> <li>• Programmable Video Motion Detection (VMD), Video Obscuration Detection (VOD) and Video Blind Detection (VBD)</li> <li>• Multiple recording modes -Time-Lapse, Event, Text, Pre-event, Panic and Continuous</li> <li>• Programmable record options -Schedule, Record Rate, Image Quality for each input</li> <li>• Up to 30 minute pre-event / 15 minute post event recording</li> <li>• Remote Administration Software (RASPlus) features Monitoring, Playback, Recording, Setup, PTZ, Upgrade, Map integration, Multi-Site System Health Monitoring, and the capability to burn video clips to the units DVD-drive remotely.</li> <li>• IR remote and USB mouse included</li> <li>• Immix® by SureView Compatible</li> </ul> |
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### ORDERING INFORMATION

| SCN#         | Item                                                  |
|--------------|-------------------------------------------------------|
| DRC400HD-500 | 4-Ch DVR, H.264, 2CIF, 120-ips, IR, mouse, DVD, 500GB |
| DRC400HD-1TB | 4-Ch DVR, H.264, 2CIF, 120-ips, IR, mouse, DVD, 1TB   |


**Business  
Solutions**

MNI2073-00

# H.264 4-Channel Digital Video Recorder w/ DVD-RW

## Product Specifications

### Video

|                     |                                        |
|---------------------|----------------------------------------|
| Video Input         | 4-BNC looping inputs, auto terminating |
| Main Monitor Output | BNC Composite: 1 output                |
| VGA                 | 15 pin D connector RGB; 1 output       |
| Spot Monitor        | BNC Composite: 1 output                |

### General

|                          |                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display Mode (main)      | 1, 4, 6, 8, 9, 16, Sequence, PIP, and Digital 2X Zoom                                                                                                                                                                           |
| Display Mode (spot)      | Full-screen, Sequence                                                                                                                                                                                                           |
| Display Resolution       | 720 x 480 NTSC                                                                                                                                                                                                                  |
| Record Resolution        | CIF: 352 x 240, 2CIF: 704 x 240, D1: 704 x 480                                                                                                                                                                                  |
| Playback/Record Rate     | 120/120 images/second, 4Ch (CIF)<br>120/120 images/second, 4Ch (2CIF)<br>60/60 images/second, 4Ch (D1)<br>Guaranteed Full-Duplex – no record rate reduction                                                                     |
| Compression              | H.264                                                                                                                                                                                                                           |
| Operating System (OS)    | Embedded Linux                                                                                                                                                                                                                  |
| Storage                  | Max 4 HDD without DVD-RW, Max 3 HDD with DVD-RW                                                                                                                                                                                 |
| Data Export Medium       | Internal DVD-RW, USB (HDD, CD-RW, Flash-Drive), IDE (CD-RW, DVD-RW)                                                                                                                                                             |
| Alarm Inputs             | 4 TTL, NC or NO, push terminal                                                                                                                                                                                                  |
| Alarm Outputs            | 1 Relay Out, terminal block                                                                                                                                                                                                     |
| Alarm Reset              | 1 TTL w/ground, terminal block                                                                                                                                                                                                  |
| Network Interface        | RJ-45 Network Interface card, 10/100 Base T Ethernet,                                                                                                                                                                           |
| Network Protocols        | Static IP, ADSL, DHCP, DVRNS (Enhanced DDNS)                                                                                                                                                                                    |
| Remote Connections       | Admin: 2 / Watch 10 / Search: 2                                                                                                                                                                                                 |
| Remote Software          | Immix® by SureView Compatible<br>Webguard: Monitoring, Playback, Recording, Setup, PTZ, Upgrade, DVR Status<br>RASPlus: Triplex operation, (User defined 64-channel view), Map integration, Multi-Site System Health Monitoring |
| Remote Data Export       | Clip-Player, AVI, JPEG, BMP                                                                                                                                                                                                     |
| Remote Transmission Rate | Maximum 120-ips, with Bandwidth Control                                                                                                                                                                                         |
| I/O Control              | RS232C Serial Port                                                                                                                                                                                                              |
| PTZ Control              | 1 – RS485 Serial connection (two wire half duplex)                                                                                                                                                                              |
| Audio Inputs/Outputs     | 4/1 – line level (RCA connectors)                                                                                                                                                                                               |
| USB Port                 | 2 – (USB 2.0) front panel                                                                                                                                                                                                       |

### Environmental

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| Operating Temp         | 41°F ~ 104°F (5°C ~ 40°C)                                                        |
| Operating Humidity     | 0% - 90% (non condensing)                                                        |
| Power Requirements     | 100 – 240 VAC, 4-2A, 60/50 Hz, 100W                                              |
| Dimensions (W x H x D) | 16.9" x 3.5" x 15.9" (430mm x 88mm x 405mm),<br>2U, Rack mount hardware included |
| Weight                 | 16.1 lbs (7.3kg)                                                                 |

### Approvals

FCC, UL\*, CB, CE

\*CAUTION: Risk of Explosion if Battery is replaced by an Incorrect Type.  
Dispose of Used Batteries According to the Instructions.

Specifications are subject to change without notice.

### Optional Accessories

XDLBW2 Lockbox, Medium, White

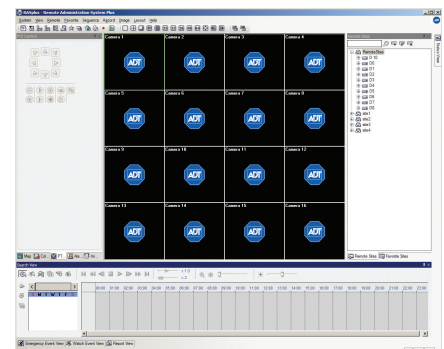
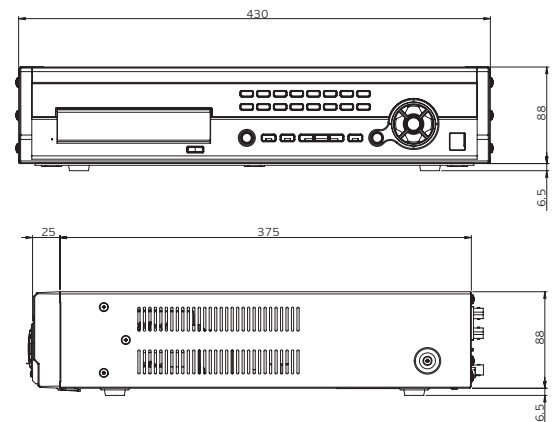
### Storage Duration

The DRC400HD records up to 120-ips at standard resolution (30-ips per channel). The tables below illustrate a typical recording duration for CIF, 2CIF and D1 record resolutions with a single video input, with continuous video recording on a 500-GB hard disk drive. The actual storage duration will vary depending on the number of cameras recorded, the image quality selected, the recording speed, recording schedule, motion content of the images and the number of stored events.

| 500-GB HDD |            |               |           |                | 500-GB HDD |            |               |           |                | 500-GB HDD |            |               |           |                |
|------------|------------|---------------|-----------|----------------|------------|------------|---------------|-----------|----------------|------------|------------|---------------|-----------|----------------|
| CIF (ips)  | Basic Days | Standard Days | High Days | Very High Days | 2CIF (ips) | Basic Days | Standard Days | High Days | Very High Days | D1 (ips)   | Basic Days | Standard Days | High Days | Very High Days |
| 30         | 96.5       | 48.2          | 32.2      | 24.1           | 30         | 48.2       | 24.1          | 16.1      | 12.1           | 30         | 24.1       | 11            | 8.6       | 6.3            |
| 20         | 144.7      | 72.3          | 48.2      | 36.2           | 15         | 96.5       | 48.2          | 32.2      | 24.1           | 20         | 36.2       | 18.1          | 12.1      | 9              |
| 15         | 192.9      | 96.5          | 64.3      | 48.2           | 10         | 144.7      | 72.3          | 48.2      | 36.2           | 10         | 72.36      | 36.2          | 24.1      | 18.1           |
| 5          | 578.7      | 289.4         | 192.9     | 144.7          | 5          | 289.4      | 144.7         | 96.5      | 72.3           | 5          | 144.7      | 72.3          | 48.2      | 36.2           |
| 1          | 2893.5     | 1446.8        | 964.5     | 723.4          | 1          | 1446.8     | 723.4         | 482.3     | 361.7          | 1          | 723.4      | 361.7         | 241.1     | 180.8          |

Storage is for one input; divide by number of cameras used.

### Dimensions



RASPlus Client Software

For more information visit [www.ADT-Matrix.com](http://www.ADT-Matrix.com)

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