

Professional Economy

Compact 4Ch H.264 DVR



4CH H.264 Digital Video Recorder

SRD-450

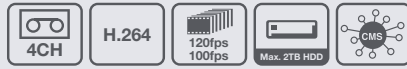


Although the SRD-450 is compact in size, it delivers all the core features required for today's professional security applications. As well as the ability to record real-time images across all four channels at CIF resolution, the SRD-450 also affords the user the opportunity to record in resolutions up to 4-CIF over selected channels. With 500GB on-board storage as standard (upgradable to 2TB) and with a built-in USB slot for quick and easy video back-up, the SRD-450 features high level H.264 compression to ensure superb picture quality whilst minimising hard drive space and bandwidth requirements. The SRD-450 is the ideal recording solution for users looking to match economy with professional performance and it is suitable for applications such as monitoring small offices and retail outlets.

- Up to 120 (NTSC) / 100 (PAL)fps recording rate at CIF resolution
- Full 4CIF resolution recording support
- Up to 4ch audio inputs and 1ch audio outputs
- Video (H.264) / Audio (G.711)

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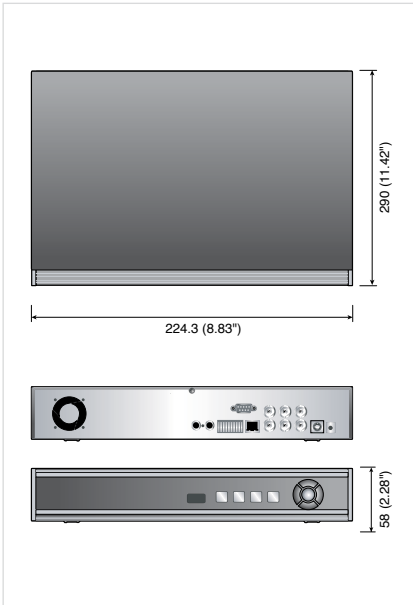


Specifications

| | | SRD-450 |
|--------------------|--------------------------------|---|
| DISPLAY | | |
| Video | Inputs | 4 composite video 0.5-1 Vpp, 75 ohm |
| | Resolution | 704 x 480 NTSC, 704 x 576 PAL |
| | Frame Rate | 120fps NTSC, 100fps PAL |
| Live | Resolution | 704 x 480 NTSC, 704 x 576 PAL |
| | Multi Screen Display | 1/4/SEQUENCE |
| PERFORMANCE | | |
| Operating System | Embedded | Linux |
| | Compression | H.264 |
| Recording | Record Rate | NTSC : Up to 30fps@704 x 480 / PAL : Up to 25fps@704 x 576 NTSC : Up to 60fps@704 x 240 / PAL : Up to 50fps@704 x 288 NTSC : Up to 120fps@352 x 240 / PAL : Up to 100fps@352 x 288 |
| | Mode | NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 / 2 / 3 / 7 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 / 2 / 3 / 7 / 13 / 25fps) |
| | Overwrite Modes | Continuous |
| | Pre-alarm | Up to 5 sec.(1, 2, 3, 4, 5 sec) |
| Search & Playback | Post-alarm | Up to 180 sec (5, 10, 15, 20, 30, 60, 120, 180) |
| | Search Mode | Date/time, Event |
| | Playback Function | Fast forward / Backward (x2, x4, x8, 16, x32, x64) , Step Forward/Backward (x2, x4, x8, 16, x32, x64) |
| Network | Transmission Speed | Up to (8)Mbps, Unlimited (8M) / 4 / 2 / 1 Mbps / 512 / 256 / 128 / 56 kbps |
| | Bandwidth Control | Automatic |
| | Multi Stream | N/A |
| Storage | Max. Remote Users | Live(4) / Backup(4) / Search(4) |
| | Protocol Support | TCP/IP, DHCP, DDNS, RTSP, NTP, HTTP |
| | Monitoring | Webviewer, Smart phone (App type, Only live, 5fps /sec, iPhone (Wifi), Android (3G) * Audio not support |
| | Internal HDD | Up to 1 SATA HDD (Basic 500G, Up to 2T) |
| Security | External HDD | Not Support |
| | DVD Writer (Back up) | Not Support |
| | USB (Back up) | USB stick memory only (up to 20GB) |
| INTERFACE | File Format (Back up) | AVI |
| | Password Protection | 8User (1 Admin, 7 Manager and user, Only english with special character) |
| Monitors | Data Authentication | Watermark |
| | VGA | 1024 x 768 |
| Audio | HDMI | Not support |
| | Main Composite | 1BNC, 1 Vp-p, 75 ohm |
| | Spot Composite | Not support |
| Alarm | Loop Outputs | Not support |
| | Inputs/Output | 4 line in / 1 line out |
| Connections | Compression | G.711 |
| | Sampling rate | 64KHz |
| | Inputs / Outputs | 4CH, Pulled up to 5V via 10K Ohm / 1CH, Relay |
| GENERAL | Remote notification | Notification via e-mail (With 1CH snapshot JPEG image attached) |
| | Ethernet | 1 RJ45 10/100 Base-T |
| Electrical | Serial interface | Not support |
| | Power consumption | USB 2.0, 2 ports |
| | Operating Temperature/Humidity | USB Application Support Mouse, Remote controller Upgrade - USB stick memory |
| Environmental | Dimension (W x H x D) | Protocol support Not support |
| | Weight (With hard disks) | DC12V adaptor, 3.3A, 100 ~ 220VAC, 50 ~ 60Hz TYP : 16.8W, MAX : 25.2W |
| Mechanical | Rack mount kit | +0°C to +40°C (+32°F to +104°F) / 20%RH to 85%RH |
| | Language | 290 x 224.3 x 58mm (11.42" x 8.83" x 2.28") |
| | | NTSC : English, French, Spanish PAL : English, French, Spanish, German, Italian, Turkish, Russian, Czech, Swedish |

Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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