

16CH/8CH 960H Real-time Compact DVR

SRD-1642/842

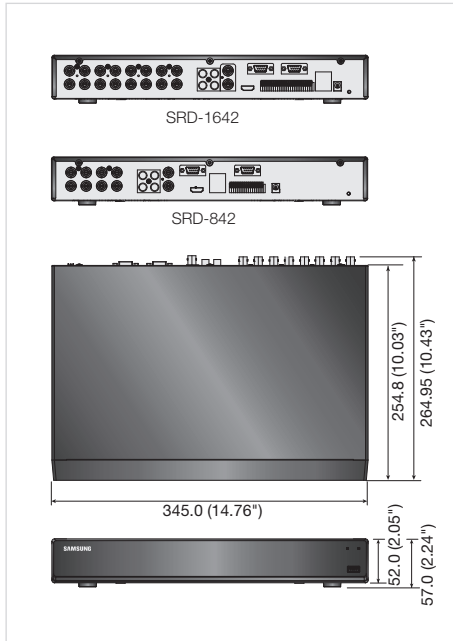
16CH/8CH 960H Real-time Compact Design Coaxial DVR

- 16CH/8CH 960H Real-time DVR
 - Up to 480(N) / 400(P)fps recording rate (SRD-1642)
 - Up to 240(N) / 200(P)fps recording rate (SRD-842)
- Easy user interface, common across all Samsung DVRs
 - GUI / Search / Back up / Set-up
- Set independently for each channel - REC / Quality / Resolution
- Privacy mask support each channel (4ea)
- Convenient network monitoring
 - Web viewer, SSM, SmartViewer, iPOLiS smart phone app
- USB (2ports) back up



**Dimensions**

Unit : mm (inch)



| | | SRD-1642 | SRD-842 | |
|--------------------|---|--|--|--|
| DISPLAY | | | | |
| Video | Inputs | 16 composite video 0.5-1 Vpp, 75 ohm | 8 composite video 0.5-1 Vpp, 75 ohm | |
| | Resolution | NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576 | | |
| Live | Frame Rate | NTSC : 480fps / PAL : 400fps | NTSC : 240fps / PAL : 200fps | |
| | Resolution | NTSC : 720 x 480 / PAL : 720 x 576 | | |
| | Multi Screen Display | 1 / 4 / 6 / 8 / 9 / 13 / 16 / Sequence / PIP | 1 / 4 / 6 / 8 / Sequence / PIP | |
| PERFORMANCE | | | | |
| Operating System | Embedded | Linux | | |
| | Compression | H.264 | | |
| Recording | Record Rate | NTSC : Up to 480fps@960 x 480 / PAL : Up to 400fps@960 x 576 NTSC : Up to 480fps@704 x 480 / PAL : Up to 400fps@704 x 576 NTSC : Up to 480fps@704 x 240 / PAL : Up to 400fps@704 x 288 NTSC : Up to 480fps@352 x 240 / PAL : Up to 400fps@352 x 288 | NTSC : Up to 240fps@960 x 480 / PAL : Up to 200fps@960 x 576 NTSC : Up to 240fps@704 x 480 / PAL : Up to 200fps@704 x 576 NTSC : Up to 240fps@704 x 240 / PAL : Up to 200fps@704 x 288 NTSC : Up to 240fps@352 x 240 / PAL : Up to 200fps@352 x 288 | |
| | Mode | NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post) | | |
| | Event | Video loss, Motion (Level 1 ~ 10), Alarm | | |
| | Overwrite Modes | Continuous, Selectable (Stop / Continuous) | | |
| | Pre-alarm | Up to 5sec | | |
| | Post-alarm | Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour) | | |
| Search & Playback | Search Mode | Date/Time, Event (Alarm / Motion), Back up, POS (*All search include preview function) | | |
| | Playback Function | Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with i-frame only Slow forward / backward (1/2x, 1/4x, 1/8x) | | |
| Network | Transmission Speed | CIF (NTSC : 480fps, PAL : 400fps) | | |
| | Bandwidth | Up to 32Mbps, Unlimited (8M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps | Up to 16Mbps, Unlimited 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps | |
| | Bandwidth Control | Automatic | | |
| | Stream | H.264 (CIF) | | |
| | Max. Remote Users | 4 persons (Search up to 2, Live unicast / Live multicast available) | | |
| | Protocol Support | TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP | | |
| Smart Phone | Monitoring | Webviewer, CMS (SmartViewer, Net-I) | | |
| | Platform | Android, iOS | | |
| | Protocol Support | RTP, RTSP, HTTP, CGI | | |
| Storage | Max. Remote Users | Live 1 | | |
| | Internal HDD | Up to 2 SATA HDDs | | |
| | USB (Back up) | 2 USB ports | | |
| Security | File Format (Back up) | BU (DVR player), EXE (Include player), AVI | | |
| | Password Protection | 1 Admin, 10 Group, 10 User per 1 group | | |
| | Data Authentication | Watermark | | |
| INTERFACE | | | | |
| Monitors | VGA | 1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) | | |
| | HDMI | 1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) | | |
| | Spot Composite | Digital spot (1CH) *Included OSD on screen, multi mode support | | |
| Audio | Inputs / Output | 4CH line in / 1CH line out | | |
| | Compression | G.711 | | |
| | Sampling Rate | 8KHz | | |
| Alarm | Inputs / Output | Terminal 16 inputs (NO/NC) / Terminal 2 relay outputs (NO), Rating : 24V DC / 1A, 125V AC / 0.5A | Terminal 8 inputs (NO/NC) / Terminal 2 relay outputs (NO), Rating : 24V DC / 1A, 125V AC / 0.5A | |
| | Remote Notification | Notification via e-mail | | |
| | Ethernet | 1 RJ-45 10/100 Base-T | | |
| Connections | Serial Interface | RS-485 (Half) for PTZ, System keyboard, RS-232 support for POS interface (VSI-pro) | | |
| | USB | USB 2.0, 2 ports (Front) | | |
| | Application Support | Mouse, Remote controller | | |
| | Protocol Support | Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)] | | |
| GENERAL | | | | |
| Electrical | Input Voltage / Current | 12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 48watt | | |
| | Power Consumption | Max. 19W (With 1x HDD) | | |
| Environmental | Operating Temperature | +0°C ~ +40°C (+32°F ~ +104°F) | | |
| | Operating Humidity | 20% ~ 85% RH | | |
| | Dimensions (WxHxD) | 345.0 x 52.0 x 254.8mm (14.76" x 2.05" x 10.03") | | |
| Mechanical | Weight (With hard disks) | Approx. 2.38Kg (5.25 lb) | Approx. 2.31Kg (5.09 lb) | |
| | Rack Mount Kit | 2ea | | |
| Language | Korean, Japanese, Chinese (Traditional), English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Finnish, Norwegian, Taiwanese (25 Language) | | | |



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