

Enhanced functionalities, with Full HD video out



SRD-1654D

16CH CIF Real-time H.264 Digital Video Recorder

- 16CH, Real-time@CIF
- Max. resolution of 960 x 480 / 960 x 576
- Touch interface front panel
- Smart phone support (Android / iOS)
- Full HD 1080p video out via HDMI
- 4CH audio inputs / 1CH audio output
- Max. 4 internal HDDs
- Smart searching
- Enhanced Network Bandwidth up to 32Mbps

The SRD-1654D is digital video recorder, Full HD 1080p HDMI video out, support for 700TV lines analog cameras, and a sleek touch sensitive front panel, while retaining the familiar and easy to use graphical interface, smartphone support, and E-mail alerts.

This supports recording and playback up to 928 x 480 resolution. Network bandwidth has also been increased for robust remote viewing at high resolutions.

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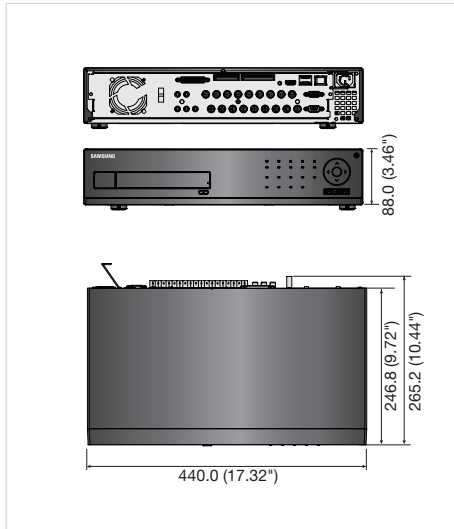


Specifications

| | | SRD-1654D |
|--------------------|--|--|
| DISPLAY | | |
| Video | Inputs | 16 Composite video 0.5-1 Vp-p, 75 ohm automatic termination |
| | Resolution | NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576 |
| | Frame Rate | NTSC : 480fps / PAL : 400fps |
| Live | Resolution | NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576 |
| | Multi Screen Display | 1 / 4 / 7 / 9 / 13 / 16 / 16A / Sequence / PIP |
| PERFORMANCE | | |
| Operating System | Embedded | Linux |
| | Compression | H.264 |
| Recording | Record Rate | NTSC : Up to 120fps@928 x 480 / PAL : Up to 100fps@928 x 576 NTSC : Up to 120fps@704 x 480 / PAL : Up to 100fps@704 x 576 NTSC : Up to 240fps@704 x 240 / PAL : Up to 200fps@704 x 288 NTSC : Up to 480fps@352 x 240 / PAL : Up to 400fps@352 x 288 |
| | Mode | NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1~30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps) |
| | Event | Video loss, Motion (Level 1 ~ 10), Alarm |
| | Overwrite Modes | Continuous |
| | Pre-alarm | Up to 30sec (5, 10, 20, 30sec) |
| Search & Playback | Post-alarm | Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour) |
| | Search Mode | Date/Time, Event, Back up, POS, Motion (*All search include preview function) |
| | Playback Function | Fast forward / backward, Slow forward / backward, Step forward / backward |
| Network | Transmission Speed | 4CIF / 2CIF / CIF (NTSC : 120 / 240 / 480fps, PAL : 100 / 200 / 400fps) |
| | Bandwidth | Up to 32Mbps |
| | Bandwidth Control | Selectable |
| | Stream | H.264 (4CIF / 2CIF / CIF selectable) |
| Smart Phone | Max. Remote Users | Search 3 / Live unicast 10 / Live multicast 20 |
| | Protocol Support | TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP |
| | Monitoring | NET-i viewer, SmartViewer, Webviewer |
| | Platform | Android, iOS |
| | Protocol Support | RTP, RTSP, HTTP, CGI |
| Storage | Max. Remote Users | Live 1 |
| | Internal HDD | Up to 4 SATA HDDs |
| | DVD Writer (Back up) | Yes |
| | 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 (2 BNC, 1 Vp-p, 75 ohm) *Included OSD on screen |
| Audio | Inputs / Output | 4CH line in / 1CH line out |
| | Compression | G.711 |
| | Sampling Rate | 8KHz |
| Alarm | Inputs / Output | Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 250V AC / 0.25A |
| | Remote Notification | Notification via e-mail |
| Connections | Ethernet | 1 RJ-45 10/100/1000 Base-T |
| | Serial Interface | RS-232/RS-485 for PTZ, Samsung system keyboard |
| | USB | USB 2.0, 2 ports |
| | Application Support | Mouse, Remote controller |
| | Protocol Support | Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE |
| GENERAL | | |
| Electrical | Input Voltage / Current | 100 ~ 240V AC ±10%, 50/60Hz, Autoranging |
| | Power Consumption | Max. 60W (With 1x HDD) |
| Environmental | Operating Temperature / Humidity | +0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH |
| | Dimensions (WxHxD) | 440.0 x 88.0 x 246.8mm (17.32" x 3.46" x 9.72") |
| Mechanical | Weight (With hard disks) | Approx. 5.2Kg (11.46 lb) |
| | Rack Mount Kit | 2ea |
| Language | Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumania, Serbia, Croatia, Hungary, Greek, Taiwan (23 Language) | |

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.

■ DISTRIBUTED BY

SAMSUNG TECHWIN CO., LTD. 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
 Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

SAMSUNG TECHWIN AMERICA INC.
 100 Challenger Rd. Suite 700 Ridgely Park, NJ 07660
 Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
 Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
 2nd floor No5, The Height, Brookland, Weybridge, Surrey, U.K.
 KT13 0NY
 Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
 32F, Bk B, International Business Center,
 No. 391 Guiping Rd., Shanghai, China, 200233
 Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



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