

SRN-4000



64CH 400Mbps Premium Network Video Recorder

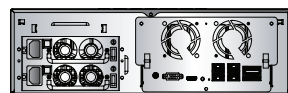
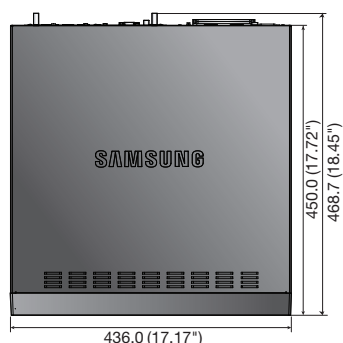


Key Features

- Up to 64CH and 5MP supported
- 400Mbps network camera recording
- Max. 12 hot swap HDDs (RAID 5/6)
- VGA/HDMI local monitor
- iSCSI storage supported
- Redundant hot swap power supply

Dimensions

Unit : mm (inch)



| | | SRN-4000 |
|------------------------------|---------------------------------|--|
| DISPLAY | | |
| N/W Camera | Inputs | Up to 64CH |
| | Resolution | CIF ~ 5M |
| | Protocols | Samsung, ONVIF |
| Live | Local Display | HDMI / VGA |
| | Multi Screen Display | [Local monitor] : 1 / 4 / 9 / 16 / 1+5 / 1+7 / 1+12 / Sequence [Web] : 1 / 4 / 9 / 16 / 32 / 64 / Sequence |
| PERFORMANCE | | |
| Operating System | Embedded | Linux |
| Recording | Compression | H.264, MPEG-4, MJPEG |
| | Recording Bit Rate | Max. 400Mbps (2M 64camera real-time recording) |
| | Resolution | CIF ~ 5M |
| | Mode | Manual, Schedule (Continuous / Event), Event (Pre / Post) |
| | Event Trigger | Alarm input, Video loss, Camera event (Sensor, MD, Video Analytics), VA (Upto 4CH selectable, Advanced MD, Object classification (People, Car)) |
| Search & Playback | Event Action | E-mail, PTZ preset, Alarm out, Buzzer, Monitor out |
| | Playback Bandwidth | 25Mbps (16CH simultaneously) |
| | Search Mode | Date & Time (Calendar) / Event log list |
| | Simultaneous Playback | [Local monitor] : Max. 16CH, [CMS] : Max. 16CH, [Web] : Max. 4CH |
| Storage | Resolution | CIF ~ 5M |
| | Playback Function | Fast forward / backward, Move one step up / down |
| | Built-In HDD | 2TB 1ea |
| | Max. Internal HDDs | 12ea (Hot swap), Max. 36TB |
| Back up | External RAID | NAS (iSCSI) : vesaRaid 1840i, Max. 192TB (JBOD) RAID-5/6 |
| | File Back up (Via Web) Function | [GUI] : BU / Exe, [Network] : JPEG / AVI Single channel play, Date-time / Title display |
| Sensor | Input / Output | 8 / 4 (NO/NC selectable) |
| | Input | 64CH (Network) |
| Audio | Compression | G.711, G.726 |
| | Audio Communication | 2-way |
| NETWORK | | |
| Interface | | RJ-45, Gigabit Ethernet 4ea |
| Protocol Support | | TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP, PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, UPnP, ONVIF, HTTPS, SNMP |
| DDNS | | Samsung iPOLiS DDNS |
| Network | Total Throughput Bandwidth | Max. 700Mbps |
| | Transmission Bandwidth | Max. 400Mbps |
| Max. Remote Users | | Search 1 / Live unicast 10 / Live multicast 20 |
| IP | | IPv4 / IPv6 |
| Security | | IP address filtering, User access log, 802.1x authentication, Encryption |
| Language | | English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai |
| OS | | Window XP (service pack 2 or above), Vista, 7, 8, Mac OS X (10.4.8 or above) |
| Web Browser | | MS IE 8.x, 9.x, Google Chrome, Mac Safari, Firefox 2.x, 3.x |
| Viewer Software | Type | Webviewer, SmartViewer |
| Smart Phone | CMS Support | SDK / CGI |
| | OS | Android, iOS |
| Smart Phone | Protocol Support | RTP, RTSP, HTTP, CGI |
| | Max. Remote Users | Live 10, Playback 1 |
| FUNCTIONS | | |
| Camera Setup | Register | Auto, Manual |
| | Setup Items | 1) IP Address, Add Profile Edit, Bitrate, Compression, GOP, Quality 2) Video setup (MD, ABF, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter) |
| PTZ | Control | Via GUI, Webviewer |
| | Preset | 256 presets |
| System Control | | Mouse |
| INDICATOR / INTERFACE | | |
| Front | Indicator | LED status indicator : HDD action 12, RAID status 1, Alarm 1, Power 1, Record 1, Back up 1, Network 1 |
| | Switch | PWR switch 1ea, Key-lock 1ea |
| | VGA | 1ea |
| | HDMI | 1ea |
| Connections | Audio | Out (1ea, RCA, Line) |
| | Ethernet | RJ-45 Gigabit Ethernet 4ea [Camera 1] : 1ea, [Camera 2] : 1ea, [Viewer] : 1ea, [iSCSI] : 1ea |
| | Alarm | In 8ea (Terminal block) / Out 4ea (Terminal block) |
| | USB | 2ea (Front) |
| | Reset | Switch 1ea |
| | Power Cord | AC Inlet 2ea |
| | | |
| SYSTEM | | |
| Log | Log List | Max. 20000 (System log, Event log, Back up log each) |
| GENERAL | | |
| Electrical | Input Voltage / Current | 100 ~ 240V AC ±10%, 50/60Hz, 4 ~ 1.5A (Dual SMPS) |
| | Power Consumption | Max. 217W (546 BTU with 2TB HDD 12ea) |
| Environmental | Operating Temperature | +0°C ~ +40°C (+32°F ~ +104°F) |
| | Operating Humidity | 20% ~ 85% RH |
| Mechanical | Color / Material | Black / Metal |
| | Dimensions (WxHxD) | 436.0 x 132.0 x 450.0mm (17.17" x 5.2" x 17.72") (3U) |
| | Weight | 12.44Kg (27.43 lb) (2TB HDD 1ea included) |
| Approvals | Safety | UL |
| | EMC | CE, FCC, KCC, CCC, Gost-R |

* The latest product information / specification can be found at www.samsungsecurity.com