

Protect your asset

HD All-In-One Security Video System

SDH-B3020

4 Channel HD DVR Security System

DVR

- 4CH high definition 720p real-time Recording
- 1TB surveillance class hard drive
- PC and Mac compatible
- Free Android and iOS app for remote viewing
- Backwards compatible with standard analog cameras
- Supports optional Samsung USB WiFi adapter

Camera

- 2 high definition 720p outdoor bullet cameras
- Wide angle field of view (100° diagonal)
- 3-Dimensional noise reduction for clear video quality at low light conditions
- True Day & Night with ICR for perfect color reproduction
- IP66 weather resistant
- Night vision up to 82ft (25m)



SDH-B3020



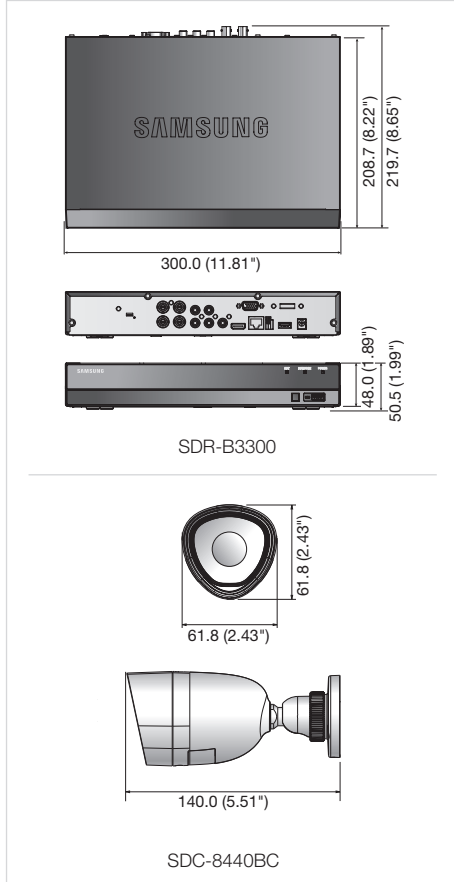
SDR-B3300



SDC-8440BC

Dimensions

Unit : mm (inch)



SDR-B3300

SDC-8440BC

Kit Contents

- DVR (SDR-B3300)
- Camera (SDC-8440BC) 2pcs
- Remote Control / Batteries (AAA x 2pcs)
- Mouse / Adapter / Power Cord
- 60ft BNC Cable 2pcs
- CD (Smart Viewer, User Manual)
- Quick Start Guide / Network Cable
- HDMI Cable (2m, 6.5ft)

| | SDR-B3300N | SDR-B3300P | |
|---|--|--|---|
| DISPLAY | | | |
| Video | Inputs | 4CH BNC | |
| | Resolution | 1280 x 720 (HD) / 960 x 480 (WD1) | 1280 x 720 (HD) / 960 x 576 (WD1) |
| | Frame Rate | 120fps@1280 x 720 (HD) / 120fps@960 x 480 (WD1) | 120fps@1280 x 720 (HD) / 120fps@960 x 576 (WD1) |
| Live | Resolution | 1280 x 720 (HD) / 960 x 480 (WD1) | 1280 x 720 (HD) / 960 x 576 (WD1) |
| | Multi Screen Display | 1 / 4 / Sequence / PIP | |
| PERFORMANCE | | | |
| Operating System | Embedded | Linux | |
| | Compression | H.264, MJPEG | |
| Recording | Record Rate | Up to 120fps@1280 x 720 Up to 120fps@960 x 480 Up to 120fps@720 x 480 | Up to 100fps@1280 x 720 Up to 100fps@960 x 576 Up to 100fps@704 x 576 |
| | Mode | Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30fps) | |
| | Event | Video loss, Motion (Sensitivity level 1 ~ 10), Tampering | |
| Search & Playback | Overwrite Modes | Continuous | |
| | Pre-alarm | Off / 5sec | |
| | Post-alarm | Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour) | |
| Search Mode | Search Mode | Date/Time, Event, Back up, Motion (*All search included preview function) | |
| | Playback Function | Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward plays with I-frame only Slow forward / backward (1/2x, 1/4x, 1/8x) Step forward / backward *Backward play with I-frame only | |
| Network | Transmission Speed | 4CIF 120fps / 2CIF 120fps / CIF 120fps | 4CIF 100fps / 2CIF 100fps / CIF 100fps |
| | Bandwidth | Up to 32Mbps / Selectable | |
| | Stream | H.264 (4CIF / 2CIF / CIF selectable) | |
| Smartphone | Max. Remote Users | 20 | |
| | Protocol Support | 10/100/1000 Mbps, DHCP, PPPoE, SMTP, NTP, HTTP, DNS, RTP, TSP, UPnP | |
| | Monitoring | SmartViewer, Webviewer, Mobile Viewer | |
| Storage | Supported OS | - PC : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 / 10.9 - Mobile : Android OS v.2.3.5, v4.0.3, v4.1.2, 4.2, v4.3 / IOS OS v5.1.1, v6.0, v6.0.2, v6.1, v7.0, v8.0 | |
| | Web / App viewer | Supported Browser - Microsoft Internet Explorer (Ver. 11, 10, 9, 8, 7), Mozilla Firefox (Ver. 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9), Google Chrome (Ver. 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15), Apple Safari (v5.1, v6.1, v7.0) *Mac OS version 10.7 and higher | |
| | Protocol Support | RTP, RTSP, HTTP, CGI | |
| Security | Transmission Speed | 4CIF Max. 4fps (Single channel) / 4CIF Max. 16fps (Quad channel) / CIF Max. 30fps (Single channel) | |
| | Max. Remote Users | Live 2 / Search 1 | |
| | Internal HDD | 1 e-SATA I/F (Up to 2TB) | |
| Storage | External (e-SATA Interface) | Up to 1 e-SATA I/F | |
| | USB (Back up) | 2 USB ports | |
| | File Format (Back up) | BU (DVR player), SEC (Includes player), AVI | |
| Security | Password Protection | 1 Admin, 10 Group, 10 User per 1 group | |
| | Data Authentication | Digital Watermark | |
| INTERFACE | | | |
| Monitors | VGA / HDMI Simultaneous Output | 1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz / 1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz | |
| Audio | Inputs / Output | VGA and HDMI 4CH line in / 1CH line out | |
| Alarm | Compression | G.711, 8KHz | |
| Connections | Remote Notification | Notification via Email | |
| | Ethernet | 1 RJ-45 10/100 Base-T | |
| | Serial Interface | RS-485 | |
| GENERAL | USB / e-SATA | USB 2.0, 2 ports (Front / Rear) / e-SATA 2.0 | |
| | Wi-Fi | Optional with Samsung USB WiFi adapter | |
| | Application Support | Mouse, Remote controller | |
| Protocol Support | Samsung-I/E, Pelco-D/P, Panasonic, Phillips, AD, Vicom, GE | | |
| Electrical | Input Voltage / Current | 12V DC adapter, 100 ~ 250V AC, 50/60Hz | |
| | Power Consumption | Max. 24W | |
| | Operating Temperature / Humidity | +0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH | |
| Mechanical | Dimensions | 300.0 x 48.0 x 208.7mm (11.81" x 1.89" x 8.22") | |
| | Weight (With hard disks) | 1.44kg (3.17 lb) | |
| Language | | English, Korean, Chinese (Simplified/Traditional), Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese (South American), Romanian, Russian, Serbian, Spanish (European), Swedish, Thai, Turkish | |
| KIT PACKAGE | | | |
| Dimensions (WxHxD) | | 360.0 x 204.0 x 307.0mm (14.17" x 8.03" x 12.09") | |
| Weight | | 4.1kg (9.04 lb) | |
| SDC-8440BC | | | |
| VIDEO | | | |
| Imaging Device / Effective Pixels | | 1/3" 1M CMOS / 1280(H) x 960(V) | |
| Scanning System | | Progressive, 30fps (NTSC) / 25fps (PAL) | |
| Synchronization / Min. Illumination | | Internal / 0Lux (IR LED on) | |
| Camera Output | | 1CH BNC, Maximum Transmission Length : 300m (75Ω 3C2V) | |
| Min. Cable Length | | 60ft (18.3m) included | |
| LENS | | | |
| Focal Length / Max. Aperture Ratio | | 3.6mm / F1.8 | |
| Angular Field of View | | H : 78° / V : 62.5° / D : 100° | |
| OPERATIONAL | | | |
| Shutter Mode / Gain Control | | Auto (Rolling shutter) / Auto | |
| White Balance / Digital Noise Reduction | | Auto (1,800°K ~ 10,500°K) / 3D DNR | |
| Flickerless / Day & Night | | Auto / True Day/Night with ICR | |
| IR Distance (850nm) | | 25m (82ft) | |
| ENVIRONMENTAL | | | |
| Operating Temperature / Humidity | | -10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH | |
| Ingress Protection | | IP66 grade | |
| ELECTRICAL | | | |
| Input Voltage / Power Consumption | | 12V DC / Max. 4W | |
| MECHANICAL | | | |
| Color / Material | | White / Plastic (Body), Metal (Mount) | |
| Dimensions (WxHxD) / Weight | | 61.8 x 61.8 x 140.0mm (2.43" x 2.43" x 5.51") / 194g (0.43 lb) | |

Design and specifications are subject to change without notice.



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

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