

SAMSUNG

For your safety

All-In-One Security Kits



4Channel H.264 DVR with 4 Outdoor Ready IR Cameras

SDE-3004

- Remote monitoring via smartphone or PC
- 500GB Hard Disk Drive(SATA) for video storage up to 30 days
- H.264 compression for extended recording
- Free DDNS service for on the go remote monitoring
- 4 High resolution(480TVL) weatherproof cameras
- Cameras are night vision capable up to 50 feet
- Easy on screen menu with mouse and remote control

4Channel H.264 DVR with 4 Outdoor Ready IR Cameras

SDE-3004



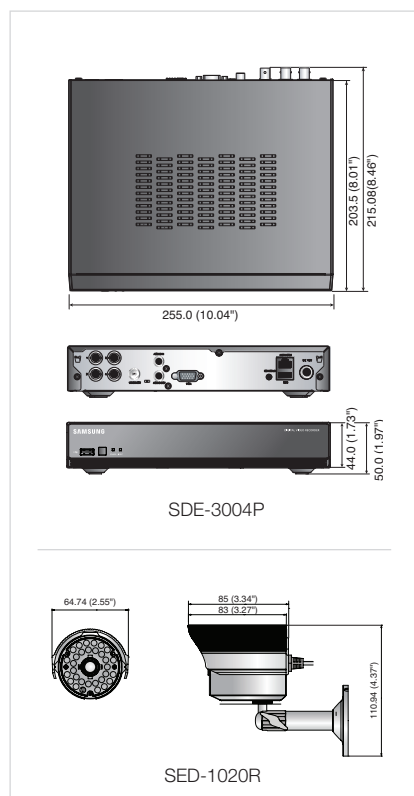
Specifications

| SDE-3004 | | |
|----------------------|----------------------------------|---|
| ITEM | | |
| Video | Inputs | 4 composite video 0.5-1 Vpp, 75 ohm |
| | Resolution | 704x480 NTSC, 704x576 PAL |
| | Frame Rate | 30fps NTSC, 25fps PAL |
| Live | Resolution | 704x480 NTSC, 704x576 PAL |
| | Multi Screen Display | 1, 4, PIP |
| PERFORMANCE | | |
| Operating System | Embedded | Linux |
| | Compression | H.264 |
| | Record Rate | NTSC: Up to 30fps @ 704x480 / PAL: Up to 25ips @ 704x576 NTSC: Up to 60fps @ 704x240 / PAL: Up to 50ips @ 704x288 NTSC: Up to 120fps @ 352x240 / PAL: Up to 100ips @ 352x288 |
| Recording | Mode | Manual, Schedule, Event, Time Laps |
| | 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 & Playback | Search Mode | Date/Time, Event, Back up, Motion |
| | Playback Function | Fast forward / backward, Slow forward / backward, Step forward / backward |
| | Transmission Speed | 100/120fps |
| | Bandwidth | Up to (4)Mbps, Unlimited (4M) / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps |
| Network | Bandwidth Control | Automatic |
| | Stream | H.264 (CIF) |
| | Protocol Support | TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP |
| | Monitoring | Smart viewer, Webviewer, Mobile Viewer |
| Smart Phone | Smart Phone | Support |
| | Internal HDD | 500GB SATA HDD |
| Storage | USB (Back up) | 2 USB ports |
| | File Format (Back up) | BU (DVR Player), EXE (Includes Player) |
| Security | Password Protection | 1 Admin, 10 Group, 10 User per 1 Group |
| | Data Authentication | Watermark |
| INTERFACE | | |
| Monitors | VGA | Analog RGB 1024x768 resolution(BNC or VGA selected in booting) |
| | Main Composite | BNC, 1 Vp-p, 75 ohm |
| | Inputs / Output | 1 Line in(CH1) / 1 line out |
| Audio | Compression | G.711 |
| | Sampling Rate | 8KHz |
| Alarm | Remote Notification | Notification via e-mail |
| | Ethernet | 1 RJ45 10/100 Base-T |
| Connections | USB | USB 2.0, 2 ports (Front / Rear) |
| | Application Support | Mouse(1EA), Remote Controller |
| GENERAL | | |
| Electrical | Input Voltage / Current | 100 ~ 240V AC $\pm 10\%$, 50/60Hz, Autoranging |
| | Power Consumption | ADP-4812 ADAPTOR (1EA), 12V, 48W |
| Environmental | Operating Temperature / Humidity | 0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85%RH |
| Mechanical (Set) | Dimensions (WxHxD) | 255 x 50 x 215mm (10.04" x 1.97" x 8.46") |
| | Weight (With hard disks) | 1.58kg (3.48lb) |
| Mechanical (Package) | Dimensions (WxHxD) | 406 x 218 x 338mm (15.98" x 8.58" x 13.31") |
| | Weight (With hard disks) | 6.06kg (13.36lb) |
| Language | | English, Spanish, French, German, Italian, Polish, Portuguese, Russian, Turkish, Japanese, Czech, Swedish, Danish, Korean, Chinese, Netherland, Thai, Romanian, Serbian, Croatian, Hungarian, Greek |

| SEB-1020R | | |
|--------------------------------|--|---|
| ELECTRICAL | | |
| Input Voltage | | DC 12V(by UTP) |
| Power Consumption | | 3W |
| VIDEO | | |
| Imaging Device | | 1/4" OV7950 Color CMOS |
| Total Pixels | | 649H x 583V |
| Scanning System | | Interface |
| Synchronization | | Internal |
| Frequency | | H: 15.734, V: 59.94 Hz |
| Horizontal Resolution | | 480TVL |
| Min. Illumination | | 0Lux (IR-LED) |
| S/N Ratio (Y Signal) | | 46dB |
| Signal Output | | 1.0 Vp-p / 75Ω composite |
| LENS | | |
| Focal Length | | 3.6mm |
| Max. Aperture Ratio | | 2 |
| Angular Field of View | | H : 67°, V : 53° |
| OPERATIONAL | | |
| Shutter Mode | | Auto (Rolling Shutter) |
| Gain Control | | Auto |
| White Balance | | Auto (3200°K ~ 6500°K) |
| Digital Noise Reduction | | Auto |
| Day & Night | | Auto |
| IR Distance | | 15m |
| ENVIRONMENTAL | | |
| Operating Temperature/Humidity | | 0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85%RH |
| MECHANICAL | | |
| Dimension (W x H x D) | | 64.7 x 63.9 x 85.0 mm (2.55" x 2.52" x 3.35") |
| Weight | | 300g (0.66 lb) |

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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