

# 2Megapixel 4.6mm Remote Head Camera

## SNB-6010

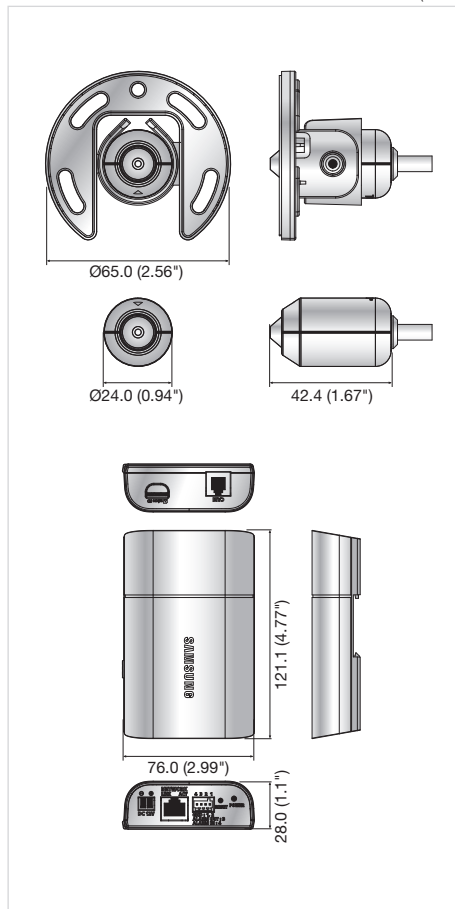
- Max. 2M (1,920 x 1,080) resolution
- WDR (120dB)
- Min. illumination 0.5Lux@F1.2 (Color)
- Advanced motion detection, Defog, VA
- Multi-crop streaming
- Extremely discreet design





## 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.

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## SNB-6010

| VIDEO                             |  |
|-----------------------------------|--|
| Imaging Device                    | 1/2.8" PS 2.83M CMOS   |
| Total Pixels                      | 1,952(H) x 1,116(V)  |
| Effective Pixels                  | 1,944(H) x 1,104(V)  |
| Scanning System                   | Progressive  |
| Min. Illumination                 | 0.5Lux (1/30sec, F2.5, 50IRE), 0.22Lux (1/30sec, F2.5, 30IRE)  |
| LENS                              |  |
| Focal length                      | 4.6mm pinhole  |
| Max. Aperture ratio               | F2.5   |
| Angular Field of View             | H : 71° / V : 38°  |
| Min. Object Distance              | 0.3m   |
| Mount Type                        | RJ-12 connected with main unit   |
| OPERATIONAL                       |  |
| Camera Title                      | Off / On (Displayed up to 45 characters)   |
| Day & Night                       | Auto (Electrical) / Color / B/W / Schedule   |
| Backlight Compensation            | Off / BLC / WDR  |
| Wide Dynamic Range                | 120dB  |
| Contrast Enhancement              | SSDR (Samsung Super Dynamic Range) (Off / On)  |
| Digital Noise Reduction           | SSNRIII (2D+3D noise filter) (Off / On)  |
| Digital Image Stabilization       | Off / On   |
| Defog                             | Off / Auto / Manual  |
| Motion Detection                  | Off / On (4 zones with 4-sided polygon)  |
| Privacy Masking                   | Off / On (4 zones with 4-sided polygon)  |
| Gain Control                      | Off / Low / Middle / High  |
| White Balance                     | ATW / AWC / Manual / Indoor / Outdoor  |
| Electronic Shutter Speed          | Minimum / Maximum / Anti flicker (1.2 ~ 1/10,000sec)   |
| Flip / Mirror                     | Off / On   |
| Intelligent Video Analytics       | Tampering, Virtual line, Enter / Exit, Appear / Disappear  |
| Alarm I/O                         | Input 1ea / Output 1ea   |
| Alarm Triggers                    | Motion detection, Tampering detection, Alarm input, Video analytics, Network disconnection   |
| Alarm Events                      | File upload via FTP and E-Mail, Notification via E-Mail local storage (SD/SDHC/SDXC) or NAS recording at Event, External output  |
| NETWORK                           |  |
| Ethernet                          | RJ-45 (10/100BASE-T)   |
| Video Compression Format          | H.264 (MPEG-4 part 10/AVC), MJPEG  |
| Resolution                        | 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180   |
| Max. Framerate                    | H.264 : Max. 30fps at all resolutions<br>MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps<br>800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max.30fps   |
| Video Quality Adjustment          | H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control   |
| Bitrate Control Method            | H.264 : CBR or VBR, MJPEG : VBR  |
| Streaming Capability              | Multiple streaming (Up to 10 profiles)   |
| IP                                | IPv4, IPv6   |
| Protocol                          | TTCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour  |
| Security                          | HTTPS(SSL) login authentication, Digest login authentication<br>IP address filtering, User access log, 802.1x authentication   |
| Streaming Method                  | Unicast / Multicast  |
| Max. User Access                  | 15 users at unicast mode   |
| Edge Storage                      | micro SD/SDHC/SDXC - motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded.<br>NAS (network attached storage)   |
| Application Programming Interface | ONVIF Profile S, SUNAPI (HTTP API), SVNP 1.2   |
| Webpage Language                  | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Finnish, Norwegian   |
| Web Viewer                        | Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7<br>Supported Browser : Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 9 ~ 19),<br>Google Chrome (Ver. 15~25), Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7)<br>* Mac OS X only |
| Central Management Software       | Smart Viewer, SSM  |
| ENVIRONMENTAL                     |  |
| Operating Temperature / Humidity  | -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH  |
| Storage Temperature / Humidity    | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH  |
| ELECTRICAL                        |  |
| Input Voltage / Current           | PoE (IEEE802.3af), 12V DC  |
| Power Consumption                 | PoE : Max. 7.5W, 12V DC : Max. 6.5W  |
| MECHANICAL                        |  |
| Dimensions (WxHxD)                | Head : Ø24.0 x 42.4mm (Ø0.94" x 1.67"), Body : 76.0 x 121.1 x 28.0 (2.99" x 4.77" x 1.1")  |
| Color / Material                  | Head : Black / Plastic, Body : Ivory / Plastic   |
| Weight                            | 305g (0.67 lb)   |

Design and specifications are subject to change without notice.