SNP-L6233H/L6233
2Megapixel Full HD 23x Network PTZ Dome Camera

Key Features
• Max. 2M (1920 x 1080) resolution support
• 16:9 Full HD (1080p) resolution support
• 4.44 ~ 102.1mm (23x) optical zoom, 12x digital zoom
• H.264, MJPEG dual codec, Multiple streaming
• Day & Night (ICR), WDR (100dB), Intelligent video analytics
• PoE+, SD/SDHC/SDXC memory slot, Bi-directional audio support
• IP66 / IK10 (SNP-L6233H), IK10 (SNP-L6233 + SHP-3701H only)

Dimensions

<table>
<thead>
<tr>
<th>SNP-L6233H</th>
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<th>SNP-L6233</th>
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</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Ø223.4 (8.8&quot;) x 293.6 (11.56&quot;)</td>
<td>Ø152.0 (5.98&quot;) x 276.1 (10.87&quot;)</td>
</tr>
<tr>
<td>Unit : mm (inch)</td>
<td>204.1 (8.03&quot;) x 204.1 (8.03&quot;)</td>
<td>122.4 (4.81&quot;) x 122.4 (4.81&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.23Kg (7.09 lb)</td>
<td>2.5Kg (5.5 lb)</td>
</tr>
</tbody>
</table>

Accessories (Optional)

| SBP-300WM | SBP-300WM | SBP-300CM | SBP-300L | SBP-300M | SBP-300HM3 | SBP-301H | SBP-301PM | SHP-3701H | SHP-3701F (SNP-L6233) |

**Notes**
* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage).

**Video**
- Imaging Device: 1/2.9" 3.9 MP CMOS
- Total / Effective Pixels: 1,920x1080 / 1,920x1080 pixels
- Scanning System: Progressive
- Min. Illumination: Color: 0.0005Lux (F1.6, 50IRE, AGC high) / 0.0005Lux (F1.6, 50IRE, AGC high)
- Max. Aperture Ratio: F1.6 (W) / F3.63 (T) (SNP-L6233)
- Focal Length (Zoom Ratio): 4.44 ~ 102.1mm (Optical 23x)
- Long / Mount Type: DC auto iris / Board-in type
- Pan / Tilt Range: 360° (Horizontal) / 210° (Vertical)
- Pan / Tilt Speed: Preset: 500°/sec, Manual: 0.024°/sec ~ 120°/sec
- Preset Accuracy: ±0.2°
- Preset Range: 256 / 4" x 6", 4ea
- Min. Resolution: Wide: 1.48 Megapixel, Tele: 0.84 Megapixel
- Max. Framerate: 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, 640 x 480, 320 x 240
- Auto Focus: Manual / One push
- Focus Control: Auto / Manual / One push
- Gain Control: Auto (ICR) / Color / B/W / Manual
- Minimum / Maximum / Anti-flicker (2 ~ 1/12,000sec)
- Luminance: Wide: 0.15Lux (1/30sec, F1.6), 0.001Lux (2sec, F1.6, 50IRE, AGC high)
- Dynamic Range: 60dB
- Picture Quality: 200 / 300 / 400 / 500 / 600 / 800 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000 / 3500 / 4000 / 5000 / 6000 / 7000 / 8000 / 9000 / 10,000 / 12,000
- Color : 0.4Lux (1/30sec, F1.6, 50IRE, AGC high) / 0.001Lux (2sec, F1.6, 50IRE, AGC high)
- Signal to Noise Ratio: 50dB
- Video Compression Format: H.264 (MPEG-4 part 10 / AVC), MJPEG
- Video Analytics: Motion detection, Tampering, Audio detection, Face detection
- Alarm Triggers: Alarm input, Network disconnection
- Alarm Events: File upload via FTP and E-mail, Notification via e-mail, TCP and HTTP, Local storage (SD/SDHC/SDXC or NAS recording at network disconnected & event (alarm triggers). External output

**Lens**
- Focal Length (Zoom Ratio): 4.44 ~ 102.1mm (Optical 23x)
- Wide Dynamic Range: 100dB
- Contrast Enhancement: Samsung Super Dynamic Range (I/On / Off)
- Digital Noise Reduction: SNR (20 ~ 30-noise filter) (Off / On)
- Image Digital Stabilization: Off / On
- Delay Line: Off / Auto / Manual
- Motion Detection: Off / On (4ea rectangle zone)
- Privacy Masking: Off / On (48 zones of rectangle zone with zoom threshold mosaic option
- Gain Control: Off / Low / Middle / High
- White Balance: Daylight / AW / AWC / Manual / Indoor / Outdoor / Mercury
- Electronic Shutter Speed: Minimum / Maximum / Anti-flicker (2 ~ 1/12,000sec)
- Digital Zoom: 12x
- Flip / Mirror: Off / On
- Infrared Video Analytics: Tempering, Virtual line, Color / B/W, Dis/Appear, Audio detection, Face detection
- Alarm LED: Output 4mA / Output 0.1mA, Red (LED)
- Remote Control Interface: RS-485
- RS-485 Protocol: Samsung, TEL, Peizo, PM, Panasonic, Honeywell, AD, Vison, Bosch, GE
- Video Compression Format: H.264, MJPEG, H.265
- Video Parameters: Manual mode / Auto-based / Sea, Face detection mode
- Video Quality Adjustment: H.264, Compression level, Target bitrate level control, MJPEG, Quality level control
- Bifocal Control Method: H.264, CBP or VBR, MJPEG, VBR
- Shadow Compensation: Multiple streaming, K10 (100 4M pictures)
- Audio In: Selectable Mic in / Line in, input voltage: 2.5V DC input, Impedance: approx. 2KOhm
- Audio Out: Line output 0.35mm mono jack, Max output level: 1Vrms
- Audio Compression Format: G.711 (A-law / G.711), G.722 (16KHz), G.726 (64Kbps)
- Audio Communication: Bi-directional audio
- IP: 10/100BASE-T
- Addressing Filter: User access log, 802.1x authentication
- Web Viewer: English, French, German, Spanish, Italian, Chinese, Japanese, Swedish, Danish, Norwegian, Dutch, Croatian, Hungarian, Greek, Finnish, Norwegian
- Security: HTTPS (443), 256 bit encryption, Digital login authentication
- IP address filtering, User access control, 802.1x authentication
- Central Management Software: SmartView, SS

**Network**
- Supported OS: Windows XP / Vista / 7, MAC OS X 10.7 ~ 10.8 (when firmware are up to date)
- Supported Browser: Microsoft Internet Explorer (Ver. 8 ~ 11), Mozilla Firefox (Ver. 3.5 ~ 18), Google Chrome (Ver. 15 ~ 25), Apple Safari (Ver. 5.1.7), Opera Mini mobile
- Supported: HTTPS (443), 256 bit encryption, Digital login authentication
- IP address filtering, User access control, 802.1x authentication
- Central Management Software: SmartView, SS

**Environmental**
- Operating Temperature / Humidity: 24°C ~ -50°C / -55°C (~31°F ~ -67°F)
- Ingress Protection: IP66
- Storage Temperature / Humidity: -30°C ~ 70°C / 4% ~ 95%RH
- Power Consumption: Max. 12V, 9W (Power over Ethernet on)
- Dimensions (WxHxD): 83.8 x 115.6 x 218.0mm (3.3 x 4.5 x 8.6"
- Weight: 3.23Kg (7.09 lb)
- Operating Temperature / Humidity: 24°C ~ -50°C / -55°C (~31°F ~ -67°F)
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