



## 2MP Outdoor IR IP PTZ Camera

SNP-L6233RH

SKU: 13812    UPC: 6950210000000

The SNP-L6233RH features a 23x optical zoom lens and an IR viewable length up to 328ft, enabling users to capture Full-HD high quality images anytime, anywhere. Additionally, Endless 360 degree pan rotation and 190 degree tilt control, advanced Auto Tracking functions are suitable to make your monitoring more powerful.

### Features

Max. 2M (1920 x 1080) resolution  
16 : 9 Full HD (1080p) resolution support  
4.4 ~ 101.2mm (23x) IR corrected 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, IR LED (2ea)

Camera Imaging Device 1/2.8" 2.38M CMOS Total / Effective Pixels 1,952(H) x 1,116(V), 2.18M pixels / 1,944(H) x 1,104(V), 2.14M pixels Scanning System Progressive Min. Illumination Color : 0.3Lux (1/30sec, F1.6, 50IRE), 0.005Lux (2sec, F1.6, 50IRE) 0.1Lux (1/30sec, F1.6, 30IRE), 0.0005Lux (2sec, F1.6, 30IRE) B/W : 0Lux (IR LED on) S / N Ratio 50dB Video Output CVBS : 1.0 Vpp / 75? composite, 720 x 480(N), 720 x 576(P), for installation Lens Focal Length (Zoom Ratio) 4.4 ~ 101.2mm (Optical 23x) Max. Aperture Ratio F1.6(Wide) / F4.5(Tele) Angular Field of View H : 63.68°(Wide) ~ 3.1°(Tele) / V : 37.52°(Wide) ~ 1.76°(Tele) Min. Object Distance 1.5m (4.92ft) Focus Control AF / One-shot AF / Manual Lens / Mount Type DC auto iris (IR corrected) / Board-in type Pan / Tilt / Rotate Pan / Tilt Range 360° Endless / 190° (-5° ~ 185°) Pan / Tilt Speed Preset : 250°/sec, Manual : 0.024°/sec ~ 120°/sec Sequence / Preset Accuracy Preset (255ea), Swing, Group (6ea), Trace, Tour, Auto run, Schedule / ±0.2° Azimuth Yes (E / W / S / N / NE / SE / NW / SW OSD) Operational IR LED 2ea Viewable Length 100m (328.08ft) Camera Title Off / On (Displayed up to 15 characters) Day & Night Auto (ICR) / Color / B/W Backlight Compensation Off / BLC / HLC / WDR Wide Dynamic Range 100dB Contrast Enhancement SSDR (Samsung Super Dynamic Range) (Off / On) Digital Noise Reduction SSNR (2D+3D noise filter) (Off / On) Digital Image Stabilization Off / On Defog Off / Auto / Manual Motion Detection Off / On (4ea, Rectangular zones) Privacy Masking Off / On (32ea, Rectangular zones) - Color : Grey / Green / Red / Blue / Black / White, - Zoom ratio option for mask mode Gain Control Off / Low / Medium / High / Manual White Balance ATW / AWC / Manual / Indoor / Outdoor / Mercury / Sodium Electronic Shutter Speed Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec) Digital Zoom 12x, area zoom function support digital zoom 2x Flip / Mirror Off / On Intelligent Video Analytics Tampering (Scene change), Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection Alarm I/O Input 4ea / Output 3ea (Relay type) Remote Control Interface RS-485/422 RS-485 Protocol Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, Bosch, GE Alarm Triggers Alarm input, Motion detection, Intelligent video analytics, Network disconnect Alarm Events File upload via FTP and E-mail, Notification via E-mail, Local storage(SD/SDHC) or NAS recording at event triggers, External output, PTZ preset Network Ethernet RJ-45 (10/100BASE-T) Video Compression Format H.264 (MPEG-4 Part 10/AVC) : Main / Baseline / High, MJPEG Resolution 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 180 Max. Framerate H.264 : Max. 30fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 720 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps Smart Codec Manual mode (Area-based : 5ea), Face detection mode 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) Audio In Selectable (Mic in / Line in), Supply voltage : 2.5V

DC (4mA), Input impedance : approx. 2K Ohm Audio Out Line out (3.5mm stereo mini jack), Max output level : 1 Vrms  
Audio Compression Format G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps Audio Communication Bi-directional audio (2-way) IP IPv4, IPv6 Protocol TCP/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 IP address filtering, User access log, 802.1x authentication (EAP-TLS, EAP-LEAP)  
Streaming Method Unicast / Multicast Max. User Access 15 users at unicast mode Edge Storage SD/SDHC/SDXC (Up to 128G) Motion Images recorded in the SD/SDHC/SDXC memory card can be downloaded NAS (Network Attached Storage), Local PC for instant recording Application Programming Interface ONVIF profile S, SUNAPI (HTTP API), SVNP 1.2 Webpage Language English, French, German, Spanish, Italian, Chinese, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek Web Viewer Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver.8 ~ 11), Mozilla Firefox (Ver. 9 ~ 19), Google Chrome (Ver. 15 ~ 25), Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) \* Mac OS X only Central Management Software SmartViewer, SSM Environmental Operating Temperature / Humidity -50°C ~ +55°C (-58°F ~ +131°F) / Less than 90% RH Storage Temperature / Humidity -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH Ingress Protection / Vandal Resistance IP66 / IK10 Electrical Input Voltage / Current 24V AC only / 6A Power Consumption Max. 30W (Heater off) / Max. 35W/90W (Heater off/on, IR on) Mechanical Color / Material Ivory / Aluminum Dimensions (WxH) ~248.0 x 399.5mm (~9.76" x 15.73") Weight 7.1Kg (15.65 lb)