# SV-NPT20030

**SV · SECU-VISION**
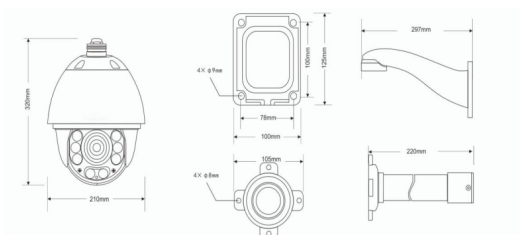
## Product Summary

● Using1/2.8'' Sony Ultra low illumination sensor, H.265/H.264 encode,1080P HD video
● ONVIF protocol supported
● Using integrated array IR led with multiple angles, has uniformity image brightness, IR distance: 120meters.
● Light source constant current driving, the life span is 10 times longer than ordinary led.
● Multistream supported, digital video techniques
● WEB server inserted, supports WEB reviewing and management
● 3A self-control technology, BLC, lower illumination, (color/BW),auto/manual transfer function
● Auto-iris, auto zooming, auto white balance, BLC, , lower illumination,(color/BW),auto/manual transfer function
● Horizontal velocity:300°/sec, horizontal continuous rotation:360°, No monitoring blind area, vertical: 0°-90°.
● Data backup when power failure occurred
● Using aluminum alloy housing, good heat dissipation effects, dust prevention and water-proof function
● Precision stepper motor driving. Stable operation, Sensitive reaction.
● Power supply inbuilt in the wall bracket, Easy for construction maintenance
● Using lightning protection, waterproof, anti-fog, anti-obscure, anti-shock, anti-surging

## Dimensions

## Major Specifications

*Specifications are subject to change without prior notice.*

| Model Name | | SV-NPT20030 |
|---|---|---|
| Camera | Sensor | 1/2.8'' Progressive Scan CMOS (IMX291) |
| | Effective pixels | 1920(H)×1080(V) |
| | Min Illumination | Color 0.01Lux , 0Lux/F1.6(IR on) |
| | IR distance | 120m |
| | 3A AUTO | auto-iris,auto-focus,auto white balance |
| | WDR | multilevel WDR adjustable |
| | AGC | Auto/manual |
| | SNR | >>52dB |
| | BLC | ON / OFF |
| | ES | 1/25~1/100,000s |
| | D/N mode | Day&Night Auto Switch |
| | Focus Mode | auto/semi-auto/manual |
| | DNR | 3D/2D |
| | SD Card | Support |
| Lens | FOCUS | 4.5-135mm , 30 times optical zoom, 16 times digital zoom |
| | ZOOM SPEED | 2.7 sec(optics, wide angle- telescoping) |
| | horizontal view angle | 64.1°-2.34°(optics, wide angle- telescoping) |
| | stop number | F1.6-F22 |
| Function | Rotation angle | horizontal:360°continuous rotation, vertical: -10°—90°,auto flip |
| | horizontal speed | horizontal：0°-360°/S，horizontal preset：360°/s |
| | vertical speed | vertical keyboard speed：0-120°/s， vertical speed preset speed：120°/s |
| | zoom ratio | supports |
| | preset | 256 sets，Chinese language title adjustable |
| | Auto scanning | 8set, left-right boundary adjustable, scanning speed adjustable. |
| | Auto cruise | 8 set,79 presets/set, Time interval adjustable |
| | Auto Tracking | Support Motion Tracking (Default OFF) |
| | Syn Scanning | 4 set |
| | Guard function | Automatic call presets when its unused |
| | alarm function | motion detection, client-side alarm, External access alarm |
| | Online Upgrade | supports |
| Network | Network interface | 10M/100M, RJ45 port |
| | Maximum image size | 1920×1080P |
| | Frame | 25/30fps |
| | Image compression | H.264/H.265 |
| | video compression | G.711 |
| | network protocol | IPv4, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, TCP,UDP, IGMP, ICMP, ARP,ONVIF |
| | dual-stream | supports |
| | user permission | Multistage |
| | safe mode | password protection, Multiple user access control |
| client-side | Camera control | horizontal/vertical, zoom, focus, mouse tracking mode,Iris,preset model |
| | time display | multi display modes |
| Alarm | alarm input and output | customized |
| | alarm Linkage | preset, Trigger switch output, client E-map |
| Input and output | audio input | audio input(optional) |
| | audio output | linear level, impedance: 600Ω （optional) |
| General | PTZ Control protocol | inbuilt multi control protocol, bits rate:2400/4800/9600/19200bps |
| | menu | English |
| | power supply | DC12V±10% |
| | power consumption | Around 45W |
| | Operating Temp/Hum | -35℃-+55℃,90%RH |
| | level of protection | IP66（outdoor camera, TVS 4000V lightning protection、ANTI Surging |
| | Installation | 1. Indoor and outdoor wall mount.2. Indoor and outdoor ceiling mount |