Full HD 2 Megapixel MINI PTZ IP Camera
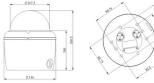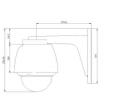
# SVPD101PM2Ti-O

**Surface**

**Flush**

## ▍Product Summary

- **2 Megapixel 1/2.8" SONY progressive scan CMOS image sensor for excellent image quality (Exmor)**
- **10x Auto Focus Optical Zoom**
- **32x Digital Zoom**
- **Supports WDR, Defog, 2D/3DNR(Digital Noise Reduction)**
- **360 degree endless panning**
- **H.264: 30fps/1080p, M.JPEG: 30fps/VGA (WDR ON : 15fps/1080p, 15fps/VGA)**
- **12VDC/PoE (IEEE802.3af) Supported (or FAN/Heater Supported) Self-assembly**
- **Conformant with ONVIF Profile-S**
- **Includes Windows based IP Installer and license-free 16channel NVR Software**
- **IP 66**

## ▍Dimensions

## ▍Major Specifications

* OSD Menu is subject to change without prior notice

| MODEL | SVPD101PM2Ti-O |
|---|---|
| CPU | 32-bit ARM9 RISC CPU up to 432MHz |
| Flash | 128 Mbyte |
| SDRAM | 128 Mbyte |
| Image sensor | 2.0 Megapixel 1/2.86" Panasonic CMOS sensor |
| Total Pixels | 1,956(H) x 1,266(V) 2.4 Megapixel |
| Effective Pixels | 1.944(H) x 1,212(V) 2.3 Megapixel |
| Zoom Ratio | Optical x10, Digital x32 Zoom |
| Focal Length | F= 5.1mm ~ 51mm |
| S/N Ratio | More Than 50dB |
| Min. Illumination | Color: 0.5 Lux, B/W: 0.1 Lux, Color DSS: 0.002 Lux, B/W DSS: 0.001 Lux |
| Day & Night | Auto/Day/Night |
| AGC | Off/On |
| Shutter Speed | 1/30(25)~1/60,000 sec |
| WDR/BLC | OFF/WDR/BLC |
| White Balance | Auto/Open Push/Manual/Indoor/Outdoor |
| DNR | Auto/Off/Low/Middle/High |
| Pan / Tilt | Pan: 360 deg.(300 deg/sec),  Tilt: -3~180 deg (300 deg/sec) |
| Video compression | H.264 High Profile, Motion JPEG |
| Resolutions | Up to 1920 x 1080 (Full HD) |
| Frame rate | H.264 Up to 30fps with 1920x1080 |
| | MJPEG Up to 30fps with VGA resolution |
| Video streaming | Support multi stream with H.264, MJPEG Dual, H.264+H.264+MJPEG Triple Adjustable frame rate,   VBR/CBR in H.264 |
| Image Setting | Day & Night,Auto White Balance,Auto Exposure,Privacy Mask Effect-Color, Sharpness,Mirror/V-Flip, etc. |
| Audio Streaming | Two Way, Full duplex |
| Audio input | Microphone input/1 x Line-in (Mono) |
| Audio Output | Line output/ 1 x Line-Out (Mono) |
| Alarm In/Out (Optional) | DI X2, DO X1 |
| Security | Password Protection, User access log, HTTPS encryption |
| Supported protocol | HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP |
| Intelligent video | Motion detection up to 1920x1080 with 4x3 blocks |
| Alarm events | File upload via ftp, E-mail, Notification via email, FTP and TCP |
| Video buffer | 5MB pre-alarm and post-alarm-180sec |
| Recording | Saves to MicroSD Card with event mode and continuous mode |
| Firmware upgrade | Remote upgrade via network |
| API | CGI Interface document, ActiveX Interface(ocx(dll) + document) |
| Reset Button | 1 x Factory Reset Button |
| Power Source | AC12V/3A |
| Storage | Micro SD Slot - Optional |
| Power Consumption | Max. 11W |
| Net Weight | 1,710g (Ceiling) , 2,160g (Wall) |
| LED's | Network Connection |
| Dimension | 140(Ø) X 160.3(H) |
| Operating Temperature | -20 degree~50 degree Celsius(14F~122F) |
| Storage Temperature | -30 degree~60 degree Celsius(-4F~140F) |
| Protection Level | IP66, Surge Protection (4KV) |
| Included Software | NVR C/S (16 Channel), IP Installer (Windows only) |