



# SMT-2721PVW

27-inch AI White PVM



## Key Features

- 2MP AI Camera, f1.6
- SUNAPI/Onvif Profile S/G/T/M
- AI Object Classification and Analytics
- Motion and event activated LED and audio alarm
- Landscape and Portrait modes
- Face Detection box
- Image Slide Show (No additional storage is required)
- Customizable text overlay with default "Recording in progress" message
- On-screen custom logo image
- Monitor management via WebUI (Power On/Off/Scheduling, Banner etc.)
- Steel cabinet
- Dual power HPoE and DC24V (adapters are not included)
- \* DC 24V Power Adapter (SPU-60240), HPoE Injector (SPO-8315)
- UL Listed
- NDAA Compliant

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## Specifications

### Display

|                     |                       |
|---------------------|-----------------------|
| Type                | LED Monitor           |
| Screen Size         | 27inch                |
| Max. Resolution     | 1920x1080             |
| Brightness          | 300 cd/m <sup>2</sup> |
| Contrast Ratio      | 1000:1                |
| Aspect Ratio        | 16:9                  |
| Viewing Angle (H/V) | 178°/178°             |
| Display Color       | 16.7M                 |
| Response Time       | 14ms                  |
| Panel Life          | 30,000 hours          |

### Interface

|         |                  |                                                                                                                                                             |
|---------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video   | Connectors       | Camera(Internal), HDMI(2)                                                                                                                                   |
| HDMI    | Connector        | HDMI x 2                                                                                                                                                    |
|         | Available Format | 640x480@60Hz/72Hz/75Hz, 800x600@60Hz/72Hz/75Hz, 1024x768@60Hz/75Hz, 1280x1024@60Hz/75Hz, 1440x900@60Hz, 1680x1050@60Hz, 1920x1080@60Hz, 1280x720p@50Hz/60Hz |
| Audio   | Output Signal    | Speakers : 8Ω 2W x 2                                                                                                                                        |
| Alarm   | Alarm I/O        | Input 1ea / Output 1ea                                                                                                                                      |
| Network | Ethernet         | 1 RJ-45 10/100BASE-T                                                                                                                                        |
| General | Edge Storage     | Micro SD/SDHC/SDXC 1slot 256GB                                                                                                                              |

### On Screen Display

|           |                          |
|-----------|--------------------------|
| Functions | VESA™ DPMS Compatible    |
| Language  | English, Spanish, French |

### General

|               |                       |                            |
|---------------|-----------------------|----------------------------|
| Electrical    | Input Voltage         | DC24V, HPoE 802.3bt        |
|               | Power Consumption     | 31W                        |
| Environmental | Operating Temperature | 0 ~ +40°C (+32°F ~ +104°F) |
|               | Operating Humidity    | 10% ~ 80% (non-condensing) |

## General

|                   |                                  |                                 |
|-------------------|----------------------------------|---------------------------------|
| <b>Mechanical</b> | Dimensions without Stand (WxHxD) | 619x405x58mm(24.4x15.9x2.3")    |
|                   | Weight                           | 8.5kg(18.7lb)                   |
|                   | Packing Dimension (WxHxD)        | 750x551x194mm(29.5x21.7x7.6")   |
|                   | Packing Weight                   | 11.3Kg(24.9lb)                  |
|                   | Cabinet Color                    | White                           |
|                   | VESA Mounts Interface            | 100x100mm, 200x100mm, 200x200mm |

## Camera

|                    |                           |                                                                                                                                                                                                                                                                                                                                    |
|--------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Video</b>       | Imaging Device            | 1/2.8" 2MP CMOS                                                                                                                                                                                                                                                                                                                    |
|                    | Max. Framerate            | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz),<br>MJPEG: Max. 15fps/12fps(60Hz/50Hz)                                                                                                                                                                                                                                                    |
|                    | Min. Illumination         | Color: 0.03Lux (F1.6, 1/30sec)                                                                                                                                                                                                                                                                                                     |
| <b>Lens</b>        | Focal Length (Zoom Ratio) | 3.06mm fixed focal                                                                                                                                                                                                                                                                                                                 |
|                    | Max. Aperture Ratio       | F1.6                                                                                                                                                                                                                                                                                                                               |
|                    | Angular Field of View     | H: 107.7° / V: 59.0° / D: 126.7°                                                                                                                                                                                                                                                                                                   |
| <b>Operational</b> | Backlight Compensation    | BLC, WDR, SSDR                                                                                                                                                                                                                                                                                                                     |
|                    | Wide Dynamic Range        | 120dB                                                                                                                                                                                                                                                                                                                              |
|                    | Digital Noise Reduction   | SSNR V, WiseNR II (Based on AI engine)                                                                                                                                                                                                                                                                                             |
|                    | Motion Detection          | 8ea, 8point Polygonal zones                                                                                                                                                                                                                                                                                                        |
|                    | Privacy Masking           | 32ea, 4point Quadrangle zones                                                                                                                                                                                                                                                                                                      |
|                    | Gain Control              | Low / Middle / High                                                                                                                                                                                                                                                                                                                |
|                    | White Balance             | ATW / AWC / Manual / Indoor / Outdoor                                                                                                                                                                                                                                                                                              |
|                    | LDC                       | Support                                                                                                                                                                                                                                                                                                                            |
|                    | Electronic Shutter Speed  | Minimum / Maximum / Anti flicker (1/5~1/12,000sec)                                                                                                                                                                                                                                                                                 |
|                    | Digital PTZ               | Support                                                                                                                                                                                                                                                                                                                            |
|                    | Video Rotation            | Flip, Mirror, Hallway view(90°/270°)                                                                                                                                                                                                                                                                                               |
|                    | Analytics                 | Classified object type: Person/Face,<br>Attributes: Not support,Support DetectionShot,Analytics events based on AI engine,-<br>Motion detection,Object detection,Virtual line(Crossing/Direction),Virtual<br>area(Loitering/Intrusion/Enter/Exit),Analytics events - Defocus<br>detection,Tampering,Virtual area(Appear/Disappear) |
|                    | Business Intelligence     | People counting, Queue management, Heatmap based on AI engine                                                                                                                                                                                                                                                                      |
|                    | Alarm Triggers            | Analytics, Network disconnect, Alarm input                                                                                                                                                                                                                                                                                         |
|                    | Alarm Events              | When alarm trigger occurred,<br>- File upload(image) : e-mail/FTP,<br>- Notification : e-mail,<br>- Recording : SD/SDHC/SDXC or NAS recording at event triggers,- Alarm output-<br>Handover(PTZ preset,Send message by HTTP/HTTPS/TCP)                                                                                             |

**Camera**

|                 |                                   |                                                                   |
|-----------------|-----------------------------------|-------------------------------------------------------------------|
| <b>Network</b>  | Smart Codec                       | WiseStreamIII                                                     |
|                 | Application Programming Interface | ONVIF Profile S/G/T/M, SUNAPI(HTTP API)                           |
| <b>General</b>  | Memory                            | 2GB RAM, 1GB Flash                                                |
| <b>Security</b> | OS / Firmware Protect             | Secure boot, Signed firmware, Firmware encryption                 |
|                 | User authentication               | Digest Authentication, Prevent brute-force attack                 |
|                 | Network authentication            | 802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)       |
|                 | Secure Communication              | HTTPS, SRTP, WSS(Websocket secure)                                |
|                 | Access Control                    | Access control based on IP address                                |
|                 | Data Protect                      | Authentication information encryption, ZIP compression encryption |
|                 | Audit                             | User Access/System/Event log management                           |
|                 | Device ID                         | Device Certificate(Hanwha Private Root CA)                        |
|                 | Secure Storage                    | SDcard partition encrypt                                          |