



# SMT-2731PV

27-inch AI PVM with PIP/PBP functionality



## 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
- “Picture In Picture (PIP)” and “Picture By Picture (PBP)” 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

# SMT-2731PV

27-inch AI PVM with PIP/PBP functionality



## Specifications

### Display

Type	LED Monitor
Screen Size	27"
Max. Resolution	1920*1080 60Hz (FHD)
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 Colors
Response Time	14ms
Panel Life	30,000 hours

### Interface

Video	Connectors	Camera(Internal, PIP/PBP), HDMI#1(PIP/PBP), HDMI#2 * two windows PIP/PBP : Internal Camera and HDMI#1
	Connector	HDMI 1.4 x 2
HDMI	Available Format	<ul style="list-style-type: none"> <li>- 640×480@60Hz/72Hz/75Hz</li> <li>- 800×600@60Hz/72Hz/75Hz</li> <li>- 1024×768@60Hz/75Hz</li> <li>- 1280x720p@50Hz/60Hz</li> <li>- 1280x1024@60Hz/75Hz</li> <li>- 1440x900@60Hz</li> <li>- 1680x1050@60Hz</li> <li>- 1920×1080@60Hz</li> </ul>
Audio	Output Signal	Speakers : 8Ω 2Wx 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™ DPM 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)

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com).  
Hanwha Vision is formerly known as Hanwha Techwin.

Mechanical	Dimensions without Stand (WxHxD)	619mm(W) x 405mm(H) x 58mm(D)
	Weight	8.5kg
	Cabinet Color	Black
	VESA Mounts Interface	VESA 100 x 100mm, 200 x 100mm, 200 x 200mm
<hr/>		
Camera		
Video	Imaging Device	1/2.8" 2MP CMOS
	Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)
	Min. Illumination	Color: 0.03Lux (F1.6, 1/30sec)
Lens	Focal Length (Zoom Ratio)	3.06mm fixed focal
	Max. Aperture Ratio	F1.6
Operational	Angular Field of View	H: 107.7° / V: 59.0° / D: 126.7°
	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 Attributes: Not support Support DetectionShot Analytics events based on AI engine - Motion detection, Object detection, Virtual line(Crossing/Direction), Virtual area(Loitering/Intrusion/Enter/Exit) Analytics events - Defocus detection, Tampering, Virtual area(Appear/Disappear)
	Business Intelligence	People counting, Queue management, Heatmap based on AI engine
Network	Alarm Triggers	Analytics, Network disconnect, Alarm input
	Alarm Events	When alarm trigger occurred - File upload(image) : e-mail/FTP - Notification : e-mail - Recording : SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handover(PTZ preset, Send message by HTTP/HTTPS/TCP)
	Smart Codec	WiseStreamIII
General	Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API)
	Memory	2GB RAM, 1GB Flash

Security	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

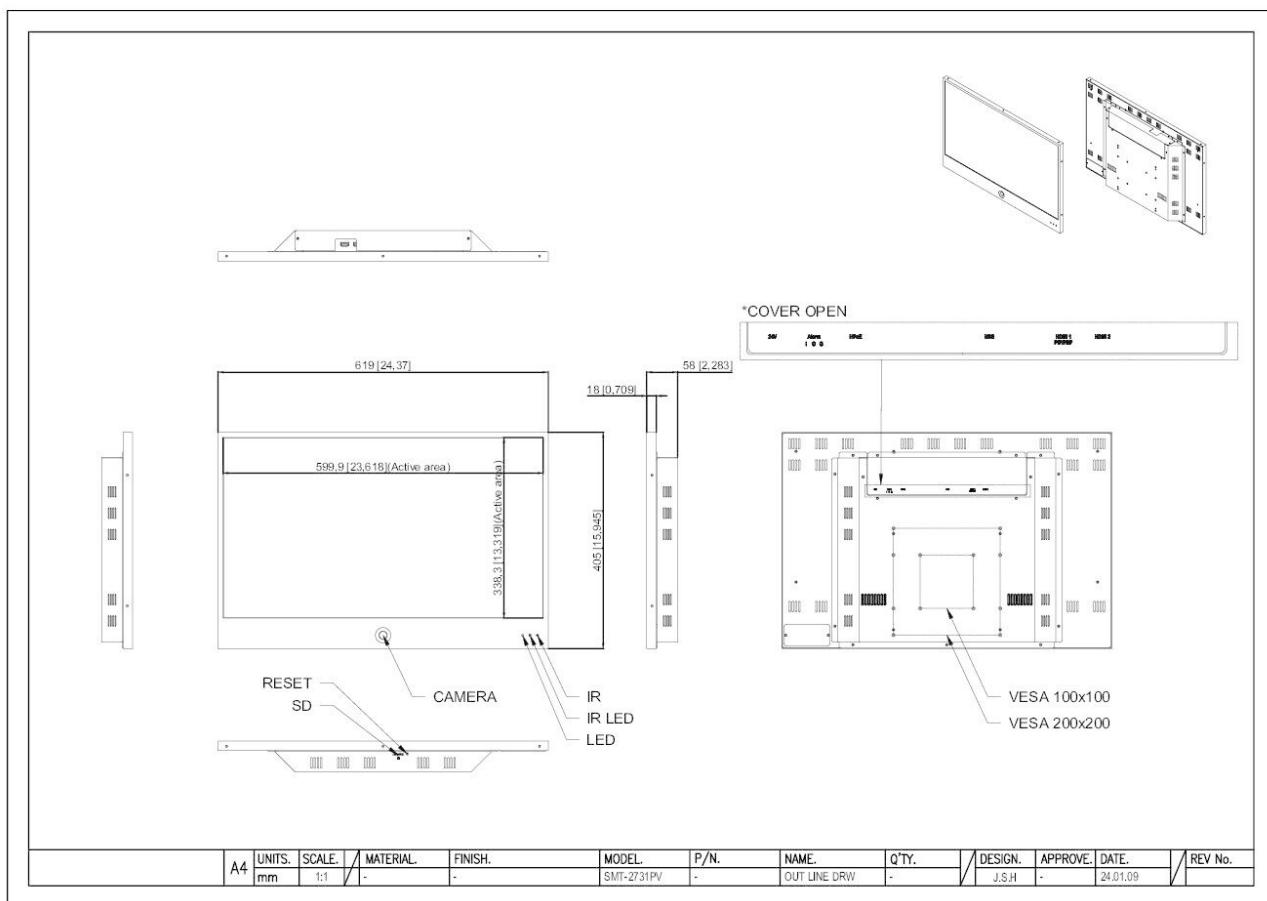
# SMT-2731PV

27-inch AI PVM with PIP/PBP functionality



CAD

Unit:mm [inch]



Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com).  
Hanwha Vision is formerly known as Hanwha Techwin.