

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

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Specifications

Display

Type	LED Monitor
Screen Size	27inch
Max. Resolution	1920x1080
Brightness	300 cd/m²
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, PIP/PBP), HDMI#1(PIP/PBP), HDMI#2, * two windows PIP/PBP : Internal Camera and HDMI#1
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

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General

Environmental	Operating Temperature	0 ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	10% ~ 80% (non-condensing)
Mechanical	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	Black
	VESA Mounts Interface	100x100mm, 200x100mm, 200x200mm

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
	Angular Field of View	H: 107.7° / V: 59.0° / D: 126.7°
Operational	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 BestShot,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
	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)

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Camera

Network	Smart Codec	WiseStreamIII
	Application Programming Interface	ONVIF Profile S/G/T/M, SUNAPI(HTTP API)
General	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

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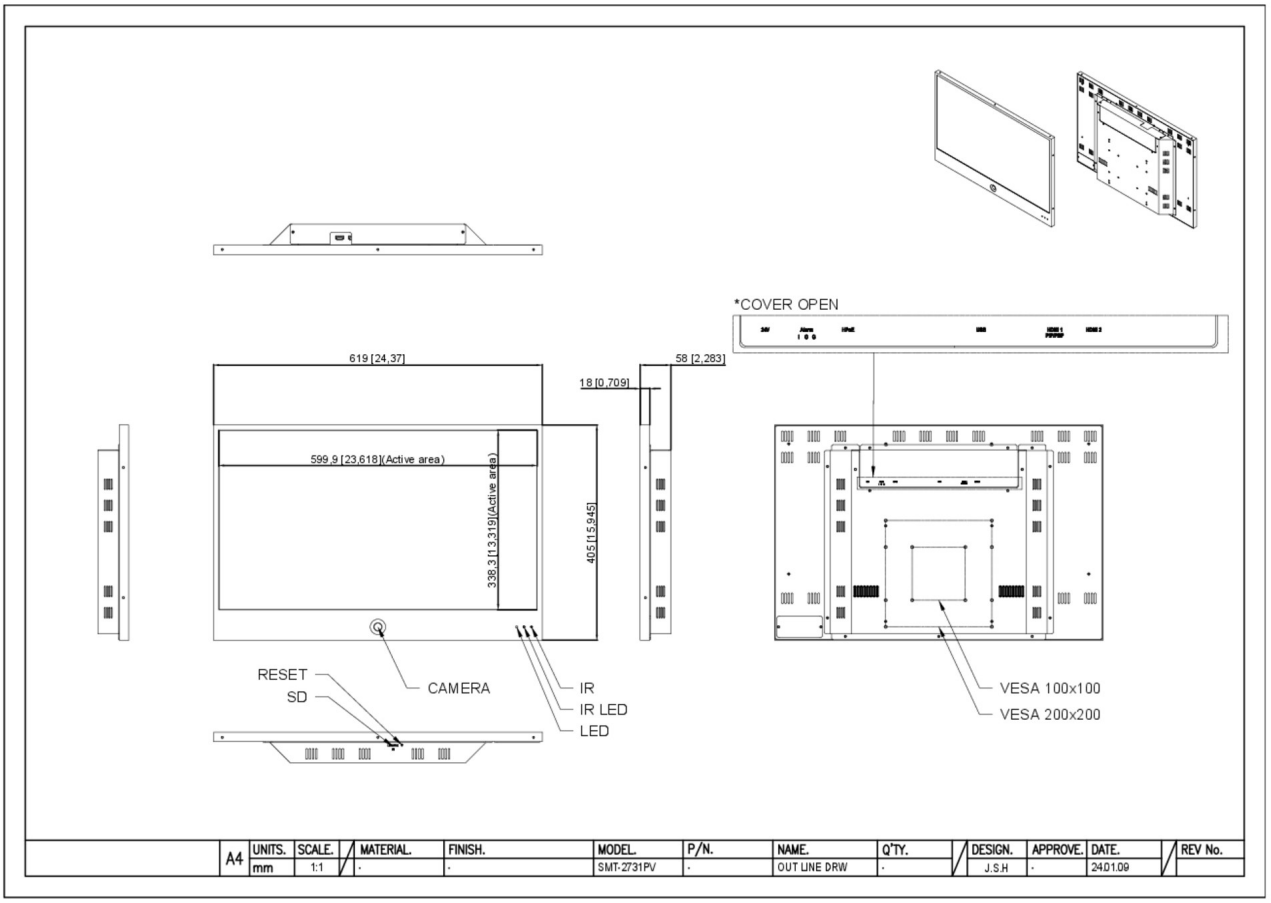
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CAD

Unit: mm [inch]



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