SMT-2731PV

27-inch AI PVM with PIP/PBP functionality

Key Features

- 2MP AI Camera
- AI Engine-based Object classification and Intelligence video analytics
- Support for both Landscape and portrait mode
- Face Detection display for visual deterrent (Colored bounding box around detected face)
- Supports image slide shows without requiring an extra SD Micro Card or USB
- Customizable text overlay such as "Recording in progress"
- Support uploading logo image
- Support two windows Picture In Picture(PIP) and Picture By Picture(PBP)
- Dual power HPoE and DC 24V
- Monitor Power On/Off/Scheduling
- Monitor control via web(PIP/PBP configuration, Monitor Power, etc)
- Power Adapter is not included and sold separately

* DC 24V Power Adapter(SPU-60240), HPoE Injector(SPO-8315)

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

© Hanwha Vision CO., LTD. All rights reserved.

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/m²	
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
HDMI	Connector	HDMI 1.4 x 2
	Available Format	- 640×480@60Hz/72Hz/75Hz - 800×600@60Hz/72Hz/75Hz - 1024×768@60Hz/75Hz - 1280x720p@50Hz/60Hz - 1280x1024@60Hz/75Hz - 1440x9000@60Hz - 1680x1050@60Hz - 1920×1080@60Hz
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
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.

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

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 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
	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)
Network	Smart Codec	WiseStreamIII
	Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API)
General	Memory	2GB RAM, 1GB Flash

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

© Hanwha Vision CO., LTD. All rights reserved.

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

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

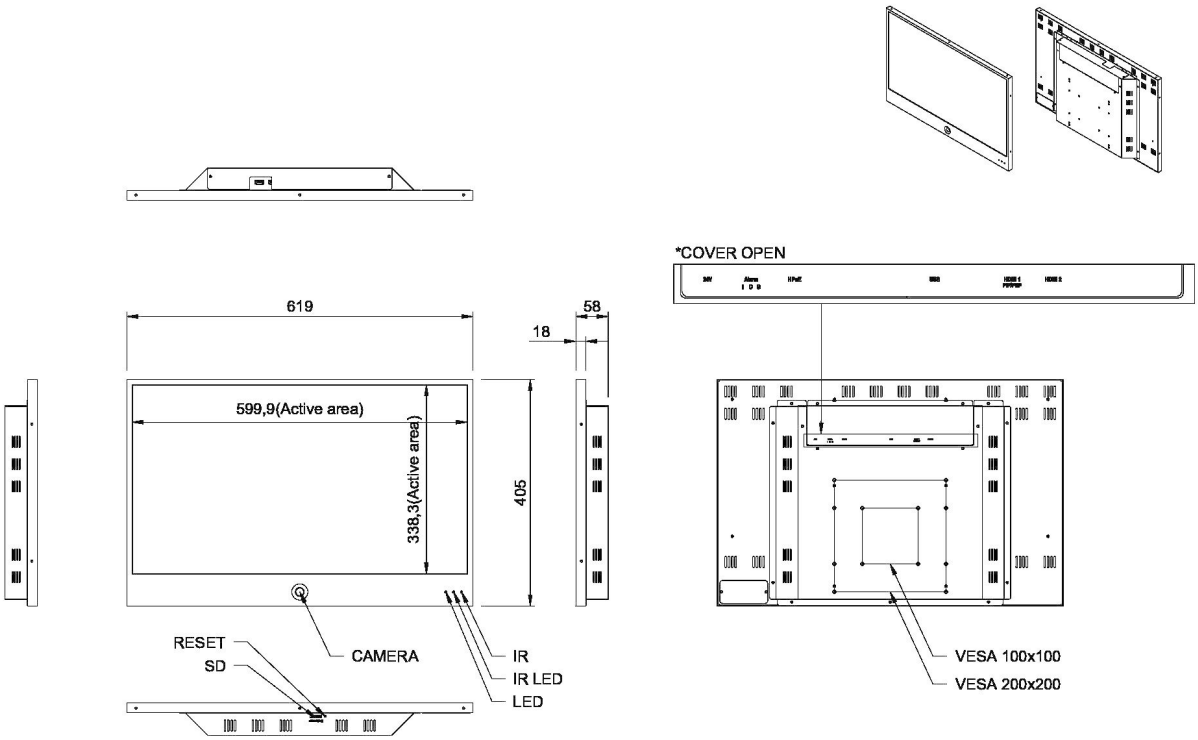
© Hanwha Vision CO., LTD. All rights reserved.

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
Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.