



SMT-3231PV

32-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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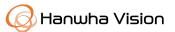






Specifications

Display		
Туре	LED Monitor	
Screen Size	31.55"	
Max. Resolution	1920*1080 60Hz (FHD)	
Brightness	400 cd/m ²	
Contrast Ratio	1300:1	
Aspect Ratio	16:9	
Viewing Angle (H/V)	178°/178°	
Display Color	16.7M Colors	
Response Time	25ms	
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
НДМІ	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	56W
Environmental	Operating Temperature	0 ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	10% ~ 80% (non-condensing)
	-1	



	Dimensions without Stand (WxHxD)	734mm(W) x 490mm(H) x 68mm(D)
	Weight	12.4kg
Mechanical	Cabinet Color	Black
	VESA Mounts Interface	VESA 100 x 100mm, 200 x 100mm, 200 x 200mm
Camera		
	Imaging Device	1/2.8" 2MP CMOS
Video	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)
	Focal Length (Zoom Ratio)	3.06mm fixed focal
Lens	Max. Aperture Ratio	F1.6
	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-)
Operational	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 Al 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)
	Smart Codec	WiseStreamIII
Network	Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API)



	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)
Security	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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CAD Unit:mm [inch]

