



SMT-1031PVW

10-inch AI PVM (White)











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
- 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.)
- Dual power PoE+ (802.3at) and DC24V (adapter* is not included)
- * DC 24V Power Adapter (SPU-60240)
- UL Listed
- NDAA Compliant



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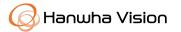
Specifications

Display		
Туре	LED Monitor	
Screen Size	10.1"	
Max. Resolution	1024 x 600 60Hz	
Brightness	500cd/m ²	
Contrast Ratio	500:1	
Aspect Ratio	16:9	
Viewing Angle (H/V)	140° / 120°	
Display Color	16.7M Colors	
Response Time	20ms	
Panel Life	50,000 hours	
Interface		
Video	Connectors	Camera(Internal)
Audio	Output Signal	Speakers: 8Ω 1Wx 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 Carrage Biantage		
On Screen Display	VECTER DRIVE	
Functions .	VESA™ DPM Compatible	
Language	English, Spanish, French	
General		
Electrical	Input Voltage	DC24V, PoE+ 802.3at
	Power Consumption	14W
Environmental	Operating Temperature	0 ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	10% ~ 80% (non-condensing)
Mechanical	Dimensions without Stand (WxHxD)	245.5mm(W) x 178.2mm(H) x 35.5mm(D)
	Weight	900g
	Cabinet Color	White
	VESA Mounts Interface	VESA 75 x 75mm
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)

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.



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°
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)
•	Support
	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 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
Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API)
Memory	2GB RAM, 1GB Flash
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
Access control	
Data Protect	Authentication information encryption, ZIP compression encryption
Data Protect	encryption
	Angular Field of View Backlight Compensation Wide Dynamic Range Digital Noise Reduction Motion Detection Privacy Masking Gain Control White Balance LDC Electronic Shutter Speed Digital PTZ Video Rotation Analytics Business Intelligence Alarm Triggers Alarm Events Smart Codec Application Programming Interface Memory OS / Firmware Protect User authentication Network authentication Secure Communication



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CAD Unit:mm [inch]

