



SMT-1031PV

10-inch AI PVM (Black)



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

Type	LED Monitor
Screen Size	10inch
Max. Resolution	1024x600
Brightness	500 cd/m ²
Contrast Ratio	500:1
Aspect Ratio	16:9
Viewing Angle (H/V)	140°/120°
Display Color	16.7M
Response Time	20ms
Panel Life	50,000 hours

Interface

Video	Connectors	Camera(Internal)
HDMI	Available Format	1280 X 1024@60Hz
Audio	Output Signal	Speakers : 8Ω 1W 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, PoE+ 802.3at
	Power Consumption	14W
Environmental	Operating Temperature	0 ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	10% ~ 80% (non-condensing)

General

Mechanical	Dimensions without Stand (WxHxD)	245.5x178.2x35.5mm
	Weight	900g
	Cabinet Color	Black
	VESA Mounts Interface	75x75mm

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
General	Memory	2GB RAM, 1GB Flash

Camera

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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CAD

Unit: mm [inch]

