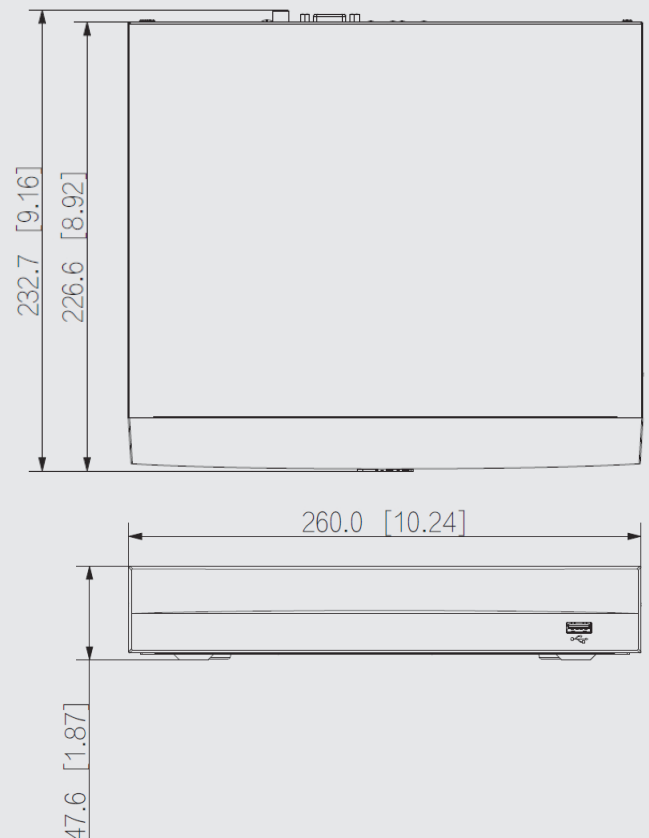


FEATURES

- New 4.0 user interface
- Remote surveillance, live view and video play on mobile phone App
- Max. decoding capability: 4×1080P@30fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- H.264/.H265/Smart H.264+/Smart H.265+/MJPEG, H.265 auto switch
- 1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K; and non-simultaneous video output is also supported, the maximum resolution is 1080P
- 1-channel face detection and recognition (AI by NVR); or 2-channel perimeter detection (AI by NVR); or 4-channel SMD (AI by NVR); up to 10 face databases and 5,000 face images
- Security baseline 2.1



MT-NVR3108-AI

TECHNICAL SPECIFICATIONS

System	Main Processor	Industrial-grade embedded processor	Perimeter Protection	Performance	2 channels
	Operating System	Embedded Linux		Object classification	Human/Vehicle secondary recognition for tripwire and intrusion
	Operation Interface	Web/operating in local GUI		AI Search	Search by target classification (human, vehicle)
Video	Access Channel	8 channels	Alarm	General Alarm	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm
	Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding		Anomaly Alarm	Front-end device going offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
	Resolution	12M/8M/5M/4M/3M/2M/720p/D1		Alarm Linkage	Video recording, snapshot, log, preset, tour
	Decoding Capability	1-channel 8MP@30fps 4-channel 1080p@30fps	External Port	HDD	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature
	Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K		USB	1 front USB 2.0 port, 1 rear USB 2.0 port
	Multi-screen Display	1/4/8/9		HDMI	1
	Third Party Camera Access	Onvif, RTSP		VGA	1
Compression	Video	H.264/H.265/Smart H.264+/Smart H.265+/MJPEG	Network	1 RJ-45 port (10/100 Mbps)	
	Audio	PCM/G711A/G711U/G26/AAC	RCA Input	1	
Network	Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS	RCA Output	1	
	Mobile Phone Access	Android, iOS	General Parameter	Power Supply	DC 12V, 1.5A
	Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK		Power Consumption	Total output of NVR is ≤ 10W (without HDD)
	Browser	Chrome, IE9 or above, Firefox		Net Weight	0.81 kg (1.79 lb)
Record Playback	Multi-channel Playback	Up to 8 channels playback		Gross weight	1.38 kg (3.04 lb)
	Record Mode	Priority of record mode: Manual recording > alarm recording > motion detection recording > timed recording		Product Dimensions	260 mm × 232.7 mm × 47.6 mm (W × L × H) 10.24 inch × 9.16 inch × 1.87 inch (W × L × H)
	Storage	Local HDD and network			Package Dimensions
	Backup	USB device		Operating Temperature	
	Playback Function	1. Play, pause, stop, fast forward, fast backward, rewind, play by frame 2. Full screen, backup (cut/file), partially enlarge, audio on/off	Storage Temperature	0°C to +40°C (+32°F to +104°F)	
SMD Plus	Performance	4 channels	Operating Humidity	10%–93%	
	AI Search	Search by target classification (human, vehicle)	Storage Humidity	30%–85%	
Face Recognition	Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition	Operating Altitude	3000 m (9843 ft)	
	Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually	Installation	Desktop mounting	
	AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image	Certifications	CE/FCC	
	Database Management	Up to 10 face databases with 5,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries@ions and state can be added to each face picture			
	Database Applicationment	Each database can be applied to video channels independently			
	Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.			
	Alarm Linkage	Video recording, snapshot, log, preset, tour			

Datasheet rev.A21.4