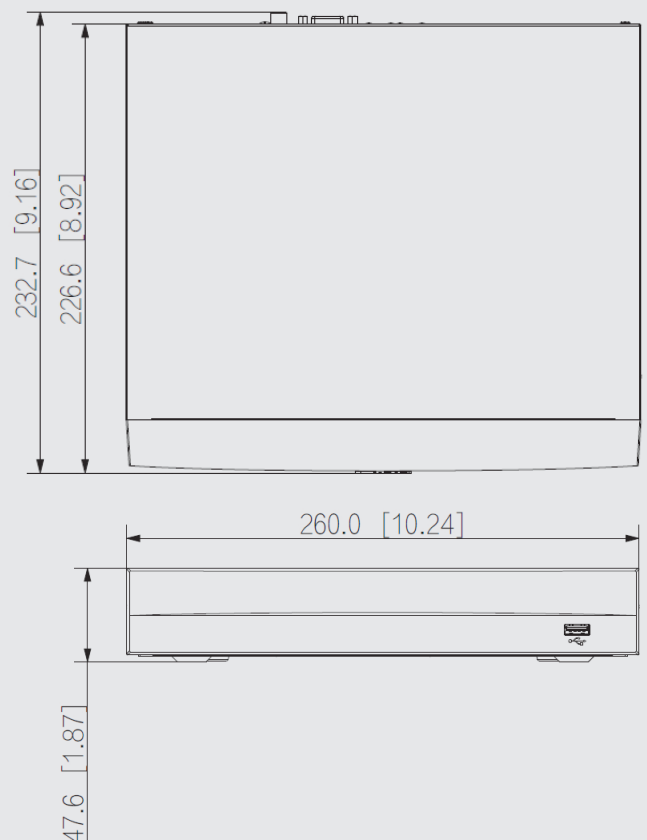


FEATURES

- 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 Ai (AI by NVR); up to 10 face databases and 5,000 face images
- Security baseline 2.1



MT-NVR3108P-AI

TECHNICAL SPECIFICATIONS

System	Main Processor	Industrial-grade embedded processor
	Operating System	Embedded Linux
	Operation Interface	Web/operating in local GUI
Video	Access Channel	8 channels
	Network Bandwidth	200 Mbps for access, 200 Mbps for storage and 100 Mbps for forwarding
	Resolution	12M/8M/5M/4M/3M/2M/720p/D1
	Decoding Capability	1-channel 8MP@30fps 4-channel 1080p@30fps
	Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K
	Multi-screen Display	1/4/8/9
	Third Party Camera Access	Onvif, RTSP
Compression	Video	H.264/.H265/Smart H.264+/ Smart H.265+/MJPEG
	Audio	PCM/G711A/G711U/G26/AAC
Network	Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS
	Mobile Phone Access	Android, iOS
	Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK
	Browser	Chrome, IE9 or above, Firefox
Record Playback	Multi-channel Playback	Up to 8 channels playback
	Record Mode	Priority of record mode: Manual recording > alarm recording > motion detection recording > timed recording
	Storage	Local HDD and network
	Backup	USB device
	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
SMD Plus	Performance	4 channels
	AI Search	Search by target classification (human, vehicle)
Face Recognition	Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition
	Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually
	AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image
	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

Perimeter Protection	Performance	2 channels
	Object classification	Human/Vehicle secondary recognition for tripwire and intrusion
	AI Search	Search by target classification (human, vehicle)
Alarm	General Alarm	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm
	Anomaly Alarm	Front-end device going offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
	Alarm Linkage	Video recording, snapshot, log, preset, tour
External Port	HDD	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature
	USB	1 front USB 2.0 port, 1 rear USB 2.0 port
	HDMI	1
	VGA	1
	Network	1 RJ-45 port (10/100 Mbps), 4 RJ-45 ports with PoE power supply (10/100 Mbps)
	RCA Input	1
	RCA Output	1
	Power Supply	DC 53V, 1.8A
General Parameter	Power Consumption	Total output of NVR is ≤ 10W (without HDD) Total output power of PoE is 38W, the maximum output power of a single port is 25.5W
	Net Weight	0.92 kg (2.03 lb)
	Gross weight	2.07 kg (4.56 lb)
	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)
	Package Dimensions	117 mm × 373 mm × 307 mm (W × L × H) 4.61 inch × 14.69 inch × 12.09 inch (W × L × H)
	Operating Temperature	-10°C to +55°C (+14°F to +113°F)
	Storage Temperature	0°C to +40°C (+32°F to +104°F)
	Operating Humidity	10%–93%
	Storage Humidity	30%–85%
	Operating Altitude	3000 m (9843 ft)
	Installation	Desktop mounting
Certifications	CE/FCC	

Datasheet rev.A21.4