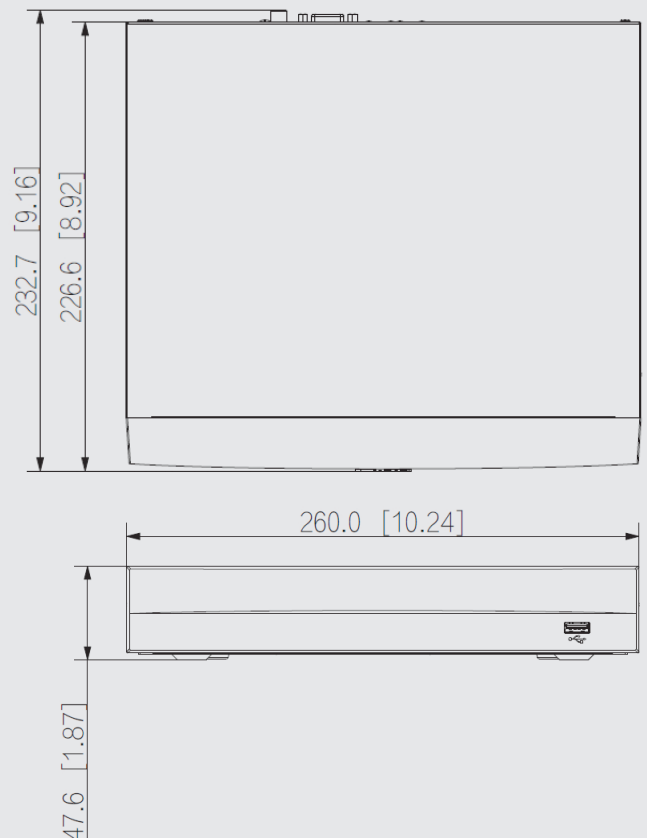


### FEATURES

- 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-NVR3104P-AI

## TECHNICAL SPECIFICATIONS

<b>System</b>	<b>Main Processor</b>	Industrial-grade embedded processor	<b>Perimeter Protection</b>	<b>Performance</b>	2 channels
	<b>Operating System</b>	Embedded Linux		<b>Object classification</b>	Human/Vehicle secondary recognition for tripwire and intrusion
	<b>Operation Interface</b>	Web/operating in local GUI		<b>AI Search</b>	Search by target classification (human, vehicle)
<b>Video</b>	<b>Access Channel</b>	4 channels	<b>Alarm</b>	<b>General Alarm</b>	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm
	<b>Network Bandwidth</b>	100 Mbps for access, 100 Mbps for storage and 80 Mbps for forwarding		<b>Anomaly Alarm</b>	Front-end device going offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
	<b>Resolution</b>	12M/8M/5M/4M/3M/2M/720p/D1		<b>Alarm Linkage</b>	Video recording, snapshot, log, preset, tour
	<b>Decoding Capability</b>	1-channel 8MP@30fps 4-channel 1080p@30fps	<b>External Port</b>	<b>HDD</b>	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature
	<b>Video Output</b>	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K		<b>USB</b>	1 front USB 2.0 port, 1 rear USB 2.0 port
	<b>Multi-screen Display</b>	1/4		<b>HDMI</b>	1
	<b>Third Party Camera Access</b>	Onvif, RTSP		<b>VGA</b>	1
<b>Compression</b>	<b>Video</b>	H.264/H.265/Smart H.264+/Smart H.265+/MJPEG	<b>Network</b>	1 RJ-45 port (10/100 Mbps), 4 RJ-45 ports with PoE power supply (10/100 Mbps)	
	<b>Audio</b>	PCM/G711A/G711U/G26/AAC	<b>RCA Input</b>	1	
<b>Network</b>	<b>Network Protocol</b>	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS	<b>RCA Output</b>	1	
	<b>Mobile Phone Access</b>	Android, iOS	<b>General Parameter</b>	<b>Power Supply</b>	DC 53V, 1.8A
	<b>Interoperability</b>	ONVIF (profile T/profile S/profile G), CGI, SDK		<b>Power Consumption</b>	Total output of NVR is ≤ 10W (without HDD) Total output power of PoE is 30W, the maximum output power of a single port is 25.5W
	<b>Browser</b>	Chrome, IE9 or above, Firefox		<b>Net Weight</b>	0.92 kg (2.03 lb)
<b>Record Playback</b>	<b>Multi-channel Playback</b>	Up to 4 channels playback		<b>Gross weight</b>	2.07 kg (4.56 lb)
	<b>Record Mode</b>	Priority of record mode: Manual recording > alarm recording > motion detection recording > timed recording		<b>Product Dimensions</b>	260 mm × 232.7 mm × 47.6 mm (W × L × H) 10.24 inch × 9.16 inch × 1.87 inch (W × L × H)
	<b>Storage</b>	Local HDD and network		<b>Package Dimensions</b>	117 mm × 373 mm × 307 mm (W × L × H) 4.61 inch × 14.69 inch × 12.09 inch (W × L × H)
<b>SMD Plus</b>	<b>Backup</b>	USB device		<b>Operating Temperature</b>	-10°C to +55°C (+14°F to +113°F)
	<b>Playback Function</b>	1. Play, pause, stop, fast forward, fast backward, rewind, play by frame 2. Full screen, backup (cut/file), partially enlarge, audio on/off	<b>Storage Temperature</b>	0°C to +40°C (+32°F to +104°F)	
<b>Face Recognition</b>	<b>Performance</b>	4 channels	<b>Operating Humidity</b>	10%–93%	
	<b>AI Search</b>	Search by target classification (human, vehicle)	<b>Storage Humidity</b>	30%–85%	
	<b>Performance</b>	Max 4 face pictures/sec processing 1 channel video stream face recognition	<b>Operating Altitude</b>	3000 m (9843 ft)	
	<b>Stranger Mode</b>	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually	<b>Installation</b>	Desktop mounting	
	<b>AI Search</b>	Up to 8 target face images search at same time, similarity threshold can be set for each target face image	<b>Certifications</b>	CE/FCC	
	<b>Database Management</b>	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			
	<b>Database Applicationment</b>	Each database can be applied to video channels independently			
	<b>Trigger Events</b>	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.			
	<b>Alarm Linkage</b>	Video recording, snapshot, log, preset, tour			

Datasheet rev.A21.4