

## 8-ch 2 HDD Ultra AI 4K NVR



- Max. 384 Mbps incoming; Max 8 Channel 8MP IPC input;
- 32-channel 1080P decoding capability; Supports adaptive decoding
- Support 4K HDMI output; Up to 8 channels for playback;
- Support P2P, APP Alarm Push;
- AI by camera: Face Detection, Perimeter Protection, Video Metadata and SMD
- AI by NVR: Face Detection, Face Recognition, Perimeter Protection, and SMD

| Technical Specifications       |   |
|--------------------------------|---|
| System                         |   |
| OS                             | Embedded Linux  |
| OS Operation Interface         | Web/operating in local GUI  |
| Perimeter Protection by Camera |   |
| Performance                    | 8 channels  |
| Face Detection by Camera       |   |
| Performance                    | 8 channels  |
| Object Detection by Camera     |   |
| Performance                    | 8 channels  |
| SMD by Camera                  |   |
| Performance                    | 8 channels  |
| Perimeter Protection by NVR    |   |
| Performance                    | 4 channels  |
| Face Detection by NVR          |   |
| Performance                    | 4 channels  |
| Face Recognition by NVR        |   |
| Performance                    | 2 channels(20 face databases with 100,000 face pictures in total) |
| SMD by NVR                     |   |
| Performance                    | 8 channels  |
| Video&Audio Input              |   |
| Max bandwidth                  | 384Mbps   |
| IPC Input                      | 8CH   |
| Video & Audio Output           |   |
| VGA                            | 1920×1080,1280×1024,1280×720                                      |
| HDMI                           | 3840×2160,1920×1080,1280×1024,1280×720                            |
| Audio Output                   | 1CH, RCA (Line out,2Vp-p,300ohms)                                 |
| Audio Encoding                 |   |
| Audio Compression              | G.711A  |
| Audio Bit Rate                 | 64Kbps  |

## Ultra AI 4K Series | NVR8208E-4K

| Video&Audio Decoding  |   |
|-----------------------|---|
| IP channel Resolution | Up to 3840×2160   |
| Video decoding        | H.265 (Main Profile@L5.0 High-tie) /H.264 Up to High Profile@Level5.0)  |
| Audio decoding        | G.711A, G711U, G726   |
| Synchronous Playback  | 8CH   |
| Decoding Ability      | 8CH 4K@30FPS  |
| Preview               |   |
| Synchronous Preview   | 8   |
| Multi-screen Display  | 1, 4, 8, 9 views  |
| Playback              |   |
| Record Mode           | Manual; Schedule (general; MD; alarm; intelligent)  |
| AI Search             | Search by target classification (human, vehicle, non-motor vehicle)   |
| Backup                | USB device  |
| Playback Function     | 1. Play; pause; stop; fast forward; fast backward; rewind; play by frame<br>2. Full screen; backup (cut/file) ; partially enlarge; audio on/off |
| Network               |   |
| Network Protocol      | HTTP; TCP/IP; IPv4; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; P2P; Auto register                                       |
| Mobile Phone Access   | Android; iOS  |
| Interoperability      | ONVIF; SDK  |
| Browser               | IE; Edge; Google; Firefox   |
| HDD                   |   |
| SATA                  | 2   |
| ESATA                 | 1   |
| Max Capacity          | 16 TB   |
| External Interface    |   |
| PoE Ports             | 0   |
| Network Interface     | 2 RJ-45( 10/100/1000 Mbps)  |
| VGA                   | 1   |
| HDMI                  | 2   |
| USB                   | 2 USB 2.0 (on back panel), 2 USB 2.0+1 USB 3.0 (On front)   |
| RCA Input             | 1   |
| RCA Output            | 2   |
| Alarm Input           | 16  |
| Alarm Output          | 8   |
| RS-232                | 1   |
| RS-485                | 1   |
| Reset                 | 1(on the mainboard)   |

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

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| Other Function      |  |
|---------------------|--|
| IPC Access          | Support One-Click add IPC function           |
| Two-way Talk        | Yes  |
| Alarm Linkage       | Record; Snapshot; Buzzer; Log; Preset; Email |
| Picture Capture     | Support JPEG Capture                         |
| General Parameter   |  |
| Front Panel         | JS   |
| Packing             | 405x365x123mm                                |
| Dimensions          | 1U 360x311.5x48mm                            |
| Weight              | 3Kg（No HDD）                                  |
| Installation        | Desktop Installation                         |
| Power Supply        | AC110V~220V±10% 47Hz~63Hz                    |
| Working Temperature | -10℃--+55℃                                   |
| Working Humidity    | 10%--90%                                     |
| Consumption         | 20W (without HDD,without POE)                |
| Certifications      |  |
| Certifications      | CE/FCC                                       |

Dimensions

