

# 8CH EMBEDDED AI NETWORK VIDEO RECORDER



**ENR-01008-N-VK**

## FEATURES

8 Channel Input (Upgradable to 10 Channels)

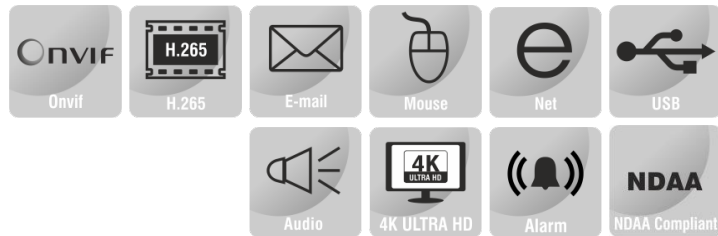
AI-Driven Smart NVR

Support Enhanced (H.265, H.264), H.265, H.264 Video Formats

1 SATA HDD

HDMI and VGA Simultaneous Output

ONVIF Profile (S, G, T)



## SPECIFICATION

|                          |                                   |   |
|--------------------------|-----------------------------------|---|
| <b>MODEL</b>             | <b>Model No.</b>                  | <b>ENR-01008-N-VK</b>   |
|                          | Type                              | 8CH EMBEDDED AI NETWORK VIDEO RECORDER  |
| <b>VIDEO &amp; AUDIO</b> | Video Input                       | 8-Ch (Upgradable to 10 Channels)  |
|                          | Incoming Bandwidth                | 100 Mbps  |
|                          | Outgoing Bandwidth                | 80 Mbps   |
|                          | HDMI / VGA Output                 | HDMI : 3840×2160, 2560×1440, 1920×1080, 1440×900, 1280×1024, 1280×800, 1280×720, 1024×768<br>VGA : 1920×1080, 1440×900, 1280×1024, 1280×800, 1280×720, 1024×768 |
|                          | Audio I/O                         | 1-Ch Input (3.5 mm) / 1-Ch Output (RCA)   |
|                          | Two-way Audio                     | Supported   |
|                          | Screen Split                      | 1/2A/2B/3/4/5/6/7/8/9/10  |
|                          | Video Encryption                  | Supported   |
| <b>DECODING</b>          | OSD Type                          | Title, Week, Date, Time, Text with different colors and adaptable sizes   |
|                          | Video Compression                 | Enhanced (H.265, H.264), H.265, H.264   |
|                          | Video Bit Rate                    | 32 kbps ~ 16 Mbps (per channel)   |
|                          | Bit Rate Type                     | CBR, VBR  |
|                          | Audio Compression                 | G.711A, G.711U, AAC, ADPCM_DIV4   |
|                          | Audio Bit Rate                    | 8 kbps, 32 kbps, 48 kbps  |
|                          | Recording Resolution              | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/U/XGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF  |
|                          | Recording Mode                    | Continuous, Manual, Event (Pre/Post, Motion etc.), Schedule, ANR, Record Interval by Time / Size  |
| Pre/Post Record Time     | Pre (5~60 sec); Post (10~600 sec) |   |
| Fisheye De-warping       | N/A                               |   |

★Product specification and availability are subject to change without notice.

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## ENR-01008-N-VK

| MODEL      | Model No.                       | ENR-01008-N-VK   |
|------------|---------------------------------|--|
|            | Type                            | 8CH EMBEDDED AI NETWORK VIDEO RECORDER   |
| MONITORING | Preview Capability              | 1x16MP/2x8MP/3x6MP/4x5MP/5x4MP/6x3MP/10x1080P/10x720P/10x4CIF<br>1x16MP/2x8MP/2x6MP/3x5MP/4x4MP/5x3MP/8x1080P/10x720P/10x4CIF (AI enabled)   |
|            | Synchronous Playback            | 1x16MP/2x8MP/3x6MP/4x5MP/5x4MP/6x3MP/10x1080P/10x720P/10x4CIF<br>1x16MP/2x8MP/2x6MP/3x5MP/4x4MP/5x3MP/8x1080P/10x720P/10x4CIF (AI enabled)   |
|            | Live View Functions             | Screen Matrix, Stream Type, System Alarm, Snapshot, Record, Talkback, Volume Adjustment, Full Screen, Digital Zoom   |
|            | Playback Functions              | Sync Playback, Play, Pause, Stop, Fast Play, Slow Play, Backwards, Forwards, Full Screen, Backup Selection, Clip Management, Screen Matrix, Stream Type  |
|            | Corridor Mode                   | Supported  |
|            | Backup Mode                     | USB, Network   |
|            | Export Picture Format           | JPG  |
|            | Export Video Format             | MP4, SDV, AVI  |
|            | Download from Edge storage      | MP4, SDV, AVI  |
| INTERFACE  | Protocols                       | TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, SMB/CIFS, FTP, NFS, PPPoE, NTP, UPnP, SRTP, SMTP, IGMP, Unicast, Multicast, ARP, SNMP, SSL, P2P, 802.1x, Qos, TLS1.2   |
|            | Compatibility                   | ONVIF Profile (S, G, T), CGI/SDK   |
|            | Network                         | 1xRJ45 (10/100 Mbps) Self Adaptive Ethernet Port   |
|            | Serial Interface                | N/A  |
|            | HDMI                            | 1xHDMI   |
|            | VGA                             | 1xVGA  |
|            | USB Interface                   | 2xUSB 2.0  |
|            | Alarm I/O                       | 4/1  |
| SMART      | Built-in AI Analytics           | Face Detection, Face Recognition, Intrusion (Perimeter), Crossline (Tripwire), Smart Motion Detection<br>*Works even without AI-enabled cameras.   |
|            | Behavior Detection              | Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)  |
|            | Analytics                       | Loitering, Running, Abandoned Object (Object Left), Missing object (Object Lost), Parking, People Counting, Crowd Detection, On Duty Detection, Abnormal Video & Audio Detection, Human and Vehicle Classification<br>**Compatible with analytic supported cameras   |
|            | Alarm Management                | Input & Output event, Alarm I/O error, Illegal access, IP Conflict, MAC Conflict, Network Interrupt, Hard disk full, No hard disk, Hard disk RW error, Hard disk overload, HDD SMART check error, Abnormal recording, Abnormal temperature, Motion detection, Tampering (Masking), Smart detection, Video loss |
| STORAGE    | SATA                            | 1 SATA Interface   |
|            | Capacity                        | Up to 10 TB  |
|            | Array Type                      | N/A  |
|            | e-SATA                          | N/A  |
|            | ANR                             | Supported  |
| GENERAL    | Main Processor                  | Dual Core Embedded Processor   |
|            | Operating System                | Embedded Linux   |
|            | User Permission                 | 32 with multiple privilege level   |
|            | Web Client                      | EyeConnect   |
|            | Web Language                    | 15   |
|            | Power Supply                    | 12V DC   |
|            | Redundant Power                 | N/A  |
|            | Power Consumption (without HDD) | ≤10W   |
|            | Working Environment             | -10 °C ~ 55 °C   |
|            | Humidity                        | 10% ~ 90% RH   |
|            | Chassis                         | 1U   |
|            | Dimension                       | 255x231x45 mm  |
| Net Weight | 0.8 kg                          |  |

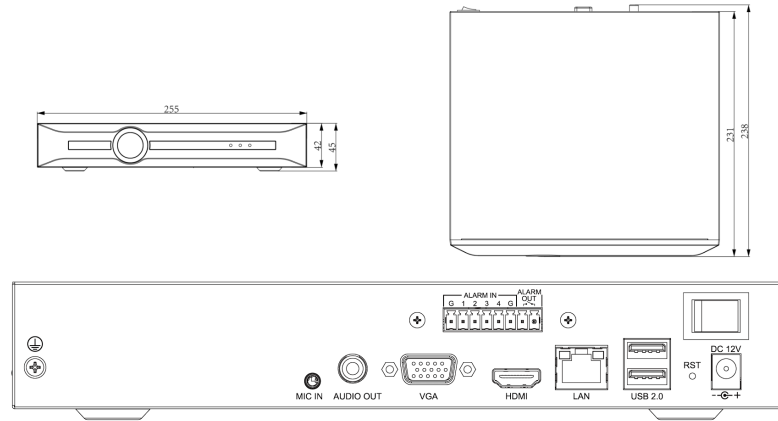
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**ENR-01008-N-VK**

Dimension Unit : mm



## ORDERING INFORMATION

| Part Number                | Description   | Standard Quantity |
|----------------------------|---|-------------------|
| ENR-01008-N-VK (With 8ch)  | 8Ch Embedded AI Network Video Recorder with 1 HDD Bay, Supports 4K Cameras, HDMI, VGA, Smart Analytics and ONVIF  | 1                 |
| ENR-01008-N-VK (With 10ch) | 10Ch Embedded AI Network Video Recorder with 1 HDD Bay, Supports 4K Cameras, HDMI, VGA, Smart Analytics and ONVIF | 1                 |

## PACKING INFORMATION

| Part Number    | Packing Mode | Gross weight(Kg) | Dimension(mm) |
|----------------|--------------|------------------|---------------|
| ENR-01008-N-VK | Carton Box   | 1.5              | 385x80x280    |

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