

# 16CH EMBEDDED AI NETWORK VIDEO RECORDER



**ENR-02016-N-VK**

## FEATURES

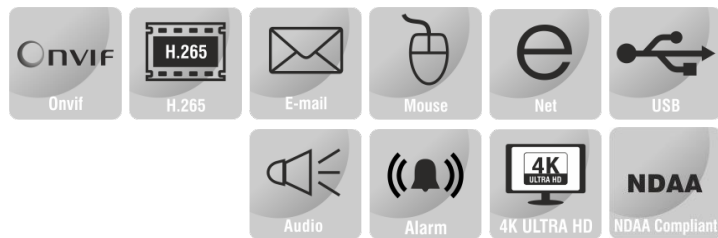
16 Channel Input

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

2 SATA HDDs

HDMI and VGA Simultaneous Output

ONVIF Profile (S, G, T)



## SPECIFICATION

MODEL	Model No.	<b>ENR-02016-N-VK</b>
	Type	16CH EMBEDDED AI NETWORK VIDEO RECORDER
VIDEO & AUDIO	Video Input	16-Ch (Upgradable to 20 Channels)
	Incoming Bandwidth	160 Mbps
	Outgoing Bandwidth	64 Mbps
	HDMI / VGA Output	HDMI : 3840×2160, 2560×1440, 1920×1080, 1440×900, 1280×800, 1280×720, 1024×768 VGA : 1920×1080, 1440×900, 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	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/20C/20D/25
	Video Encryption	Supported
DECODING	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_D
	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 Camera	N/A
De-warping	N/A	

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

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MODEL	Model No.	ENR-02016-N-VK
	Type	16CH EMBEDDED AI NETWORK VIDEO RECORDER
MONITORING	Preview Capability	1x16MP/2x8MP/3x6MP/4x5MP/5x4MP/6x3MP/10x1080P/20x720P/20x4CIF 1x16MP/2x8MP/2x6MP/3x5MP/4x4MP/5x3MP/8x1080P/16x720P/20x4CIF (AI enabled)
	Synchronous Playback	1x16MP/2x8MP/3x6MP/4x5MP/5x4MP/6x3MP/10x1080P/16x720P/16x4CIF 1x16MP/2x8MP/2x6MP/3x5MP/4x4MP/5x3MP/8x1080P/16x720P (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
Security		AES 128 Video Encryption, IP Filtering, User Authentication, 802.1X Authentication, User Access Log
Compatibility		ONVIF Profile (S, G, T), CGI/SDK
Network		1xRJ45 (10/100/1000 Mbps) Self Adaptive Ethernet Port
HDMI		1xHDMI
VGA		1xVGA
Serial Interface		N/A
USB Interface		2xUSB 2.0
Alarm I/O		4/1
SMART		Built-in AI Analytics
	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Analytics	Loitering, Running, Abandoned object (Object Left), Missing object (Object Lost), Parking, Face Detection (Capture), People Counting, Crowd Detection, On Duty Detection, Abnormal Video & Audio Detection, Auto Tracking, Heatmap, Human and Vehicle Classification **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	2 SATA Interfaces
	Capacity	Up to 10 TB for each HDD
	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
	Client Application	EyeConnect
	Web Language	15
	Power	12V DC, 3.33A
	Redundant Power	N/A
	Power Consumption (without HDD)	≤10 W
	Working Environment	-10 °C ~ 55 °C
	Humidity	10% ~ 90% RH
Chassis	1U	
Dimension	341x273x47 mm	
Net Weight	1.6 kg	

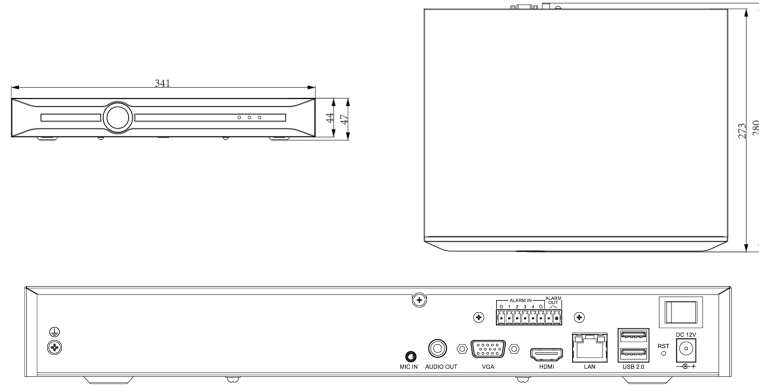
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**ENR-02016-N-VK**

Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENR-02016-N-VK	16Ch Embedded AI Network Video Recorder with 2 HDD Bays, Supports 4K Cameras, HDMI, VGA and ONVIF	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENR-02016-N-VK	Carton Box	2.8	415x140x375