

16CH EMBEDDED AI NETWORK VIDEO RECORDER



ENR-01016-N-VK

FEATURES

16 Channel Input (Upgradable to 20 Channels)

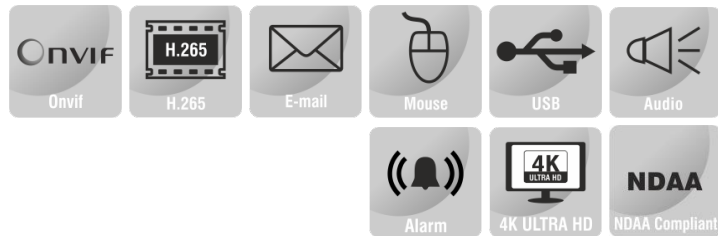
AI-Driven Smart NVR

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

1 SATA HDDs

HDMI and VGA Simultaneous Output

ONVIF Profile (S, G, T)



SPECIFICATION

MODEL	Model No.	ENR-01016-N-VK
	Type	16CH EMBEDDED AI NETWORK VIDEO RECORDER
VIDEO & AUDIO	Video Input	16-Ch (Upgradable to 20 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 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/3/4/5/6/7/8/9/10/12/13/16/20A/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, 32kbps, 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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MODEL	Model No.	ENR-01016-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	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 *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, Face Detection (Capture), Crowd Detection, On Duty Detection, Abnormal Video & Audio Detection, 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	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)	≤10 W
	Working Environment	-10 °C ~ 55 °C
	Humidity	10% ~ 90% RH
	Chassis	1U
	Dimension	255x231x45 mm
Net Weight	0.8 kg	

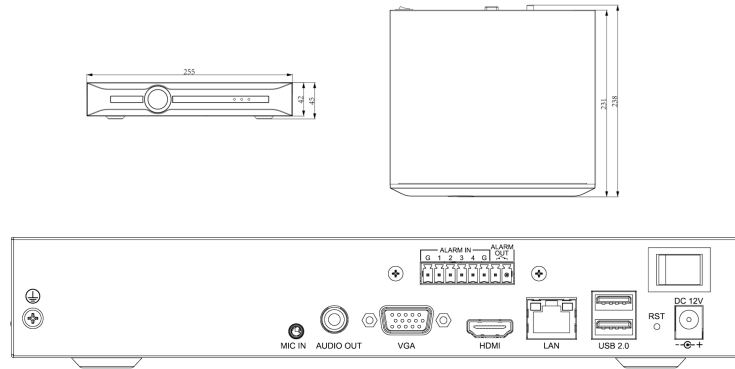
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ENR-01016-N-VK

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENR-01016-N-VK	16Ch Embedded AI Network Video Recorder with 1 HDD Bay, Supports 4K Cameras, HDMI, VGA and ONVIF	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENR-01016-N-VK	Carton Box	1.5	385x80x280