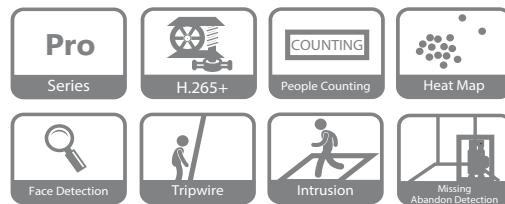


# KX-D4K8816NR3

16 Channel 2U 4K&H.265 Pro Network Video Recorder



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- 2HDMI/VGA simultaneous video output



## Technical Specification

### System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

### Audio and Video

IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 2 Channel Output, RCA

### Display

Interface	2 HDMI, 1 VGA
Resolution	HDMI1: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
	VGA1: 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
	HDMI2: 1920 × 1080
Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
Multi-screen Display	1st Screen: 1/4/8/9/16 2nd Screen: 1/4/8/9/16
OSD	Camera title, Time, Camera lock, Motion detection, Recording

### Recording

Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P, D1 etc.
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, MD(Motion Detection),
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

### Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	16 Channel
Relay Output	6 Channel

### Playback and Backup

Sync Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network/eSATA Device

### Third-party Support

Third-party Support	Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Watchnet and more
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## Network

Interface	1 RJ-45 Port (10/100/1000Mbps)
PoE	N/A
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support IP camera, DVR, NVS, etc.), P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI

## Storage

Internal HDD	8 SATA III Ports, Up to 10 TB capacity for each HDD
eSATA	1 eSATA

## Auxiliary Interface

USB	4 USB Ports (2 Rear USB 3.0, 2 Front USB 2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control

## Electrical

Power Supply	Single, AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<16.7W (Without HDD)
Fan	Smart fan, automatically adjust running speed

## Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

## Construction

Dimensions	2U, 440mm x 451.5mm x 95mm ; (17.3" x 17.8" x 3.7")
Net Weight	6.55kg (14.4 lb) (without HDD)
Gross Weight	9.5kg (20.94 lb) (without HDD)
Installation	Rack-mounted