· 64-channel IP video access
· Smart H.265+/Smart H.264+/H.265/H.264/MJPEG; H.265 auto switch
· Max 320 Mbps incoming bandwidth
· Up to 24MP resolution for live view and playback
· 1-channel fisheye dewarping (AI by NVR)
· AI by Camera: Perimeter protection; face detection and recognition; SMD Plus; video metadata; ANPR; people counting; stereo analysis; crowd distribution; heat map

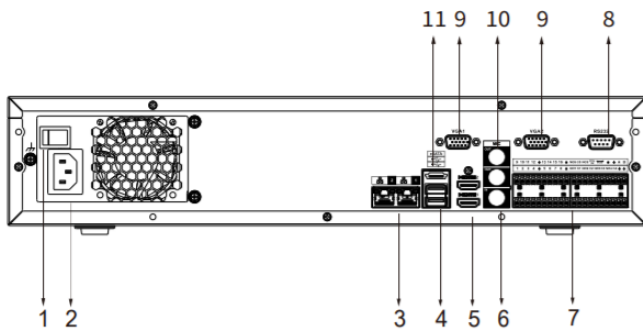| System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Audio and Video	
IP Camera Input	16/32/64 Channel
Two-way Talk	1 Channel Input, 2 Channel Output, RCA
Display	
Interface	2 HDMI, 2 VGA
Resolution	HDMI1: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
	VGA1: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
	HDMI2/VGA2: 1920 × 1080
Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
Multi-screen Display	1st Screen: 64CH: 1/4/8/9/16/25/36/64 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) , Alarm, IVS), Stop
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
Network	
Interface	2 RJ-45 Ports (10/100/1000Mbps) Independent or Joint Working
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 KBVISION IP camera, DVR, NVS, etc.),
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android Cloud, QR Code
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	8 SATA III Ports, Up to 10 TB capacity for each HDD
eSATA	1 eSATA
Disk Group	Yes
Raid Support	RAID 0/1/5/6/10/50/60 N+M hot standby, iSCSI
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

KR-DIP964NR

64 Channel 2U 8HDDs 4K & H.265 Pro NVR

Design and specifications are subject to change without notice.
Pictures in the document are for reference only, and the actual product shall prevail.

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 94.9mm ; (17.3" x 17.7" x 3.7")
Net Weight	6.55kg (14.4 lb) (without HDD)
Gross Weight	9.5kg (20.94 lb) (without HDD)
Installation	Rack-mounted

Panels

1	Power Switch	2	Power Input
3	Network Ports	4	USB Ports
5	HDMI Ports	6	AUDIO IN, RCA Connector
7	Alarm In/Out	8	RS-232 Port
9	VGA Ports	10	AUDIO OUT, RCA Connector
11	eSATA Port		