



Ventek

Model :NVR3216K2P16

SYSTEM

Main Processor	Quad Cortex A53
Operating System	Embedded LINUX

VIDEO

Input	16CH(12MP/8MP/5MP/4MP/3MP/1080p/ 1280x1024/960p/720p/D1)
Output	1*HD,1*VGA

AUDIO

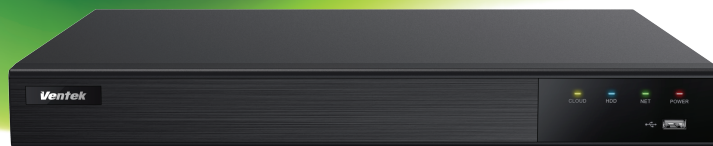
Input	1 Port RCA, support 16CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression standard	G711U, G711A, AAC, MP2L2
Intercom	support (two-way)

DISPLAY

HD Output 1	4K(3840*2160)/2K(2560*1440) /1920*1080/1280*1024/1280*720 /1024*768
HD Output 2	N/A
VGA	1920x1080,1280x1024,1280x 720,1024x768
Display Split	16CH/13CH/10CH/9CH/8CH/ 6CH/4CH/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

RECORDING

Video Compression	H265/H264/H265+/H264+
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/ 1280x1024/960P/720P/D1
Record Rate	PAL:12MP@16CHx25fps,8MP@ 16CHx25fps,6MP@16CHx25fps, 5MP@16CHx25fps,4MP@16CHx 25fps,3MP@16CHx25fps,1080P @16CHx25fps, 960P@16CHx25fps, 720P@16CHx25fps,960H@16CHx 25fps,D1@16CHx25fps



ALARM

Sensor Input	4CH
Output	1CH
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center, Alarm Output

EVENT

Smart Event	Intrusion Detection, Line Crossing Detection, Enter Area Detection, Leave Area Detection, Loitering Detection, People Gathering Detection, Face Detection, Illegal Parking Detection, Line Crossing Count, LPD(License Plate Detection), Abandoned Object Detection, Removed Object Detection, Heat Map
Normal Event	Motion, Video Tampering, Video Loss, Audio Detection, Scene Change

Record Rate	NTSC:12MP@16CHx30fps,8MP@16CH x30fps,6MP@16CHx30fps,5MP@16CH x30fps,4MP@16CHx30fps,3MP@16CH x30fps,1080P@16CHx30fps, 960P@ 16CHx30fps,720P@16CHx30fps,960H @16CHx30fps,D1@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\Event



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PLAYBACK & BACKUP

Local Sync Playback	1CH 12MP@30fps, 2CH 8MP@30fps, 3CH 5MP@30fps, 4CH 4MP@30fps, 8CH 1080P@30fps, 16CH 960P@30fps, 16CH 720P@30fps, 16CH D1@30fps
Decode Capability	1080P@240fps
Remote Sync Playback	YES
Search Mode	Video, Picture, Event, Pedestrian, Vehicle, Face, License Plate
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network

NETWORK

Interface	1 x RJ45(10M/100M/1000M Adaptive Ethernet Interface)
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
Network Functions	IPv4/IPv6/TCP/IP/HTTP/HTTPS/UPnP/DNS/NTP/SMTP/DHCP/FTP/DDNS/RTSP/RTCP/p2p/PPPOE/SNMP
Onvif	Profile S, Profile T, Profile G
Web Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
CMS Software	Support Windows 10/Windows 11/MAC OS
Cloud Support	YES
Smart Phone	iPhone, Android
POE	16 x Independent 100Mbps POE Network Interfaces(Output Power AT mode 30W per Interface, AF mode 15Wper Interface), 45/78 line order, Total Power Output ≤ 200W, Support Plug and Play, Support network cableextended mode Max. 200M
WIFI	N/A

STORAGE

Interface Type	2 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10 TB capacity for each HDD
eSATA	N/A

GENERAL

Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh, Hebrew
USB Interface	Front panel: 1×USB 2.0; Rear panel: 1×USB 2.0
RS485	N/A
Power Consumption	100-240V AC, 50/60Hz ≤ 15W(Without Hard Disk and POE)
Working Enviroment	-10°C~50°C, 10%~90%(humidity)
Product Dimension(WDH)	380X316X51(mm)
Net Weight	1.58kg(without HDD)
Gross Weight	3.48kg(wihtout HDD)

