

ICRealtime NVR-7516K 16 Ch Embedded 4K 2U NVR/Integrated 16 Port POE Switch/2TB Included

Model	NVR-7516K
System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface
Playback and Backup	
Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Storage	
Internal HDD	8 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	3 USB Ports (2 USB2.0, 1 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Audio and Video	
IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Network

Interface	1 RJ-45 Port(10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3af/at)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <14.1W (Without HDD) PoE: Max 25.5w for single port, 150w in total

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×450.1mm×95mm (17.3" x 17.7" x3.7")
Net Weight	5.4kg (11.9 lb) (without HDD)
Gross Weight	9.5kg(20.9 lb)(without HDD)