

# NVR-7516K

## 16 Channel 2U Rackmount 4K NVR, supports up to 12MP cameras

The NVR-7516K features up to 16 channels of 4K video recording and playback with full 8MP resolution with a supported monitor. The NVR features a built-in 16-port PoE switch to power IC Realtime IP cameras, and 8 SATA III ports for a total of 64TB of HDD capacity. It comes with a gigabit Ethernet port for all the data needs. It supports up to 4K video on the HDMI output (1 VGA), which makes this NVR an exceptional choice for any high definition surveillance application.



### FEATURES

- 16 Channels, 200Mbps Max
- 8 SATA ports, 3 USB
- Built in 16-Port PoE Switch
- ONVIF Compliant

Revision: 1.1; August 2017

#### IC Realtime LLC

3050 N Andrews Avenue Extension  
 Pompano Beach, FL 33064  
 (866) 997-9009

[www.icrealtime.com](http://www.icrealtime.com)



# SPECIFICATIONS

System	
Main Processor	Quad-core embedded
Operating System	Embedded LINUX

Display	
Interface	1 HDMI, 1 VGA
Resolution	8MP (3840x2160), 1080P (1920x1080), 1.3MP (1280x1024), 720P (1280x720), & D1 (1024x768)
Split	1 / 4 / 8 / 9 / 16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, & Recording

Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22x18), Video Loss, & Tampering
Alarm Input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface

Playback & Backup	
Sync Playback	1 / 4 / 8 / 16
Search Mode	Time/Date, Alarm, MD, Exact search (accurate to second), & Smart search
Playback Functions	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 Modes	USB Device or Network

Storage	
Internal HDD	8 SATA III ports, up to 64TB
HDD Mode	Single

Auxiliary Interface	
USB	3 ports (2 USB2.0, 1 USB3.0)
RS232	1 port, For PC communication & keyboard
RS485	1 port, for PTZ control

Audio & 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
Maximum Throughput	200Mbps
Bit Rate	16Kbps ~ 20Mbps per channel
Modes	Manual, Schedule (Regular (Continuous), MD, Alarm), & Stop
Interval	1 ~ 120 min (default: 60 min) Pre-record: 1 ~ 30 sec Post-record: 10~300 sec

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

Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power	NVR: < 14.1W (w/o HDD)
Consumption	PoE: < 25.5W per port, 150W total

Environmental	
Operating Conditions	14°F ~ 131°F / -10°C ~ 55°C; 86~106kPa
Storage Conditions	-4°F ~ 158°F / -20°C ~ 70°C; 0% ~ 90% RH

Construction	
Dimensions (WxDxH)	2U; 17.3"x17.7"x3.7" / 440mmx450.1mmx95mm
Net Weight	11.9lbs / 5.4kg (w/o HDD)
Gross Weight	20.9lbs / 9.5kg (w/o HDD)



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