



K-NL304K



K-NL308K



4 ch 4 PoE (K-NL304K)/ 8 ch 8 PoE (K-NL308K) Network Video Recorder

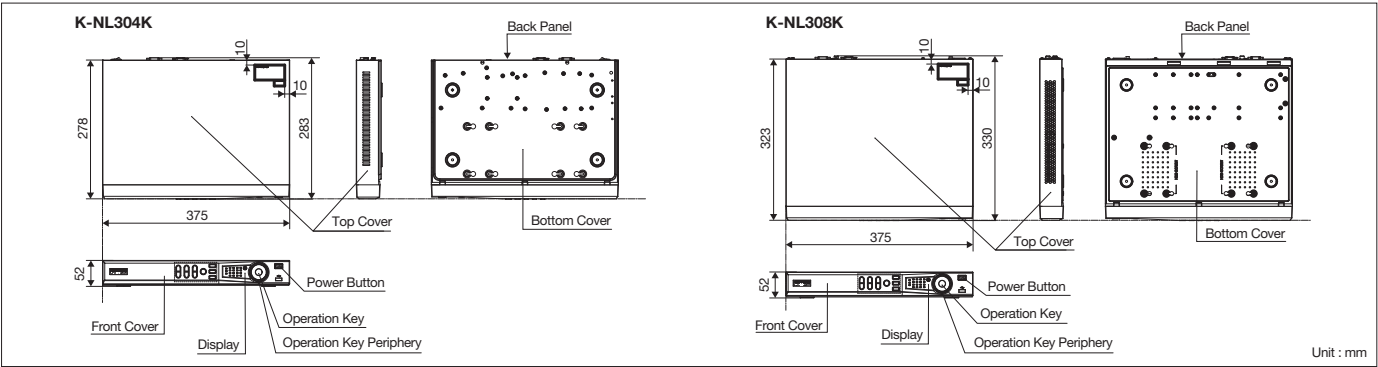
Key Features

- Up to 4 (K-NL304K) / 8 (K-NL308K) channel with 1080p realtime live view
- H.264 / MJPEG dual codec decoding
- Max 200 Mbps incoming bandwidth
- HDMI / VGA simultaneous video output
- 4 / 8 channel synchronous realtime playback
- Support 2 SATA HDDs up to 8 TB, 2 USB(1 USB3.0)
- 4PoE (K-NL304K), 8PoE (K-NL308K) ports
- Multiple network monitoring: Web browser, EMS (E-Series Management Software) & Mobile-EMS

Specifications

Model	K-NL304K		K-NL308K
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded Linux®		
Video / Audio			
IP Camera Input	4 channel	8 channel	
Audio	1channel Input (RCA), 1channel Output (RCA)		
Display			
Interface	1 HDMI,1 VGA		
Resolution	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768		
Display Split	1/4	1/4/8/9	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264 / MJPEG		
Resolution	3Mp (2048 × 1536) / 1080p (1920 × 1080) / 720p (1280 × 720) / D1 (704 × 480) / VGA (640 × 480) / CIF (352 × 240) & etc.		
Maximum Bandwidth	Total 200 Mbps or less		
Bit Rate	48~ 8192 kbps		
Record Mode	Manual, Schedule {Regular (Continuous), VMD, Alarm}, Stop		
Record Interval	Recording duration: 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Alarm Action	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Alarm pop-up		
Video Detection	Video Motion Detection, Video Loss & Camera Blank		
Alarm Input	4 channel		
Relay Output	2 channel		
Playback & Backup			
Sync Playback	1/4	1/4/8	
Search Mode	Time/Date, Alarm, VMD & 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, Backup selection, Digital zoom		
Backup Mode	USB Device / Network		
Network			
Ethernet	1 RJ45 port (10/100/1000 Mbps)		
PoE	4 ports (IEEE802.3at)	8 ports (IEEE802.3at)	
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android™		
Storage			
Internal HDD	2 SATA ports, up to 8 TB		
External Interface			
USB	2 ports (1 Rear USB3.0,1 Front USB2.0)		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Safety / EMS Standard	<Safety> : CE, IEC60950-1 <EMC> : EN55022 Class B, EN55024		
Power Supply	DC12 V / 4 A (For main unit) DC48 V / 1.04 A (For PoE)	AC 100 ~ 240 V, 50/60 Hz (For main unit)	
Power Consumption	NVR: 20 W(without HDD) PoE: Max 25.5 W for single port	NVR: 60 W(without HDD)	
Ambient Operating Temperature/ Humidity	-10°C ~+55°C / 10%~90%RH / 86~106 kpa		
Dimension (W×D× H)	375 mm(W) × 278 mm(D) × 52 mm(H)	375 mm(W) × 323 mm(D) × 52 mm(H)	
Weight	2.0 kg(without HDD)	2.5 kg(without HDD)	

Appearance



Trademarks and registered trademarks

- Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.
- iPad, iPhone and iPod touch are registered trademarks of Apple Inc.
- Android is a trademark of Google Inc.

Important

- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.

- Masses and dimensions are approximate.
- Specifications are subject to change without notice.

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<http://security.panasonic.com/pss/security/library/e-series.html>

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