

CONNI-IPScalable IP Solutions





Key Features

- Connect up to 4 IP cameras in any combination with no special licenses required
- 'Hands Free' Plug-and-Play cameras on the 4 built-in PoE ports
- Onvif or other supported IP cameras* (*See list of manufacturers/models)
- Power cameras with up to 15W each (802.3af PoE) from a total of 50W built in PoE power
- Stream an aggregate bandwidth to the NVR of up to 20Mb/s from all connected cameras
- Select camera resolutions up to 5MP
- Set lower resolution/rate/image quality to meet application/installation requirements
- Local HDMI/VGA monitor displays at up to 1920x1080
- Employ digital zoom in both live view and playback for expanded view of fine details
- Record based on schedule, motion, event/alarm or combinations
- Easy to use on-screen menus include digital zoom and instant playback of recent video
 - Operate using front panel controls, wheel mouse or included IR remote
- Quickly locate and review event video
 - Search by date/time, or preview images by pointing along a color coded timeline of record type
 - Play based on results of extensive event/alarm log search
- Use "Smart Search" to define an area of interest; the NVR quickly reviews recorded video to list instances of motion in that area for review by the operator
- Optional arming schedule for action/notifications and alarms (e.g. ignore on-camera motion from specific cameras during normal business hours)
- View, record and play main stream for detail, or sub-stream to conserve bandwidth and CPU resources
- Easy to use on-screen controls including zoom and instant playback of recent video
- System automatically conserves resources by selecting sub-stream during multiple camera viewing

- User selectable viewing optimization for image detail of fluency of motion
- Choose up to 8Tb of internal HDD storage (optional mirroring), or record to external eSATA/NAS/SAN
- Back up recorded video to any network connected NAS or FTP
- Easy remote access: view NVR over Internet without programming router: built-in uPnP router NAT/ port mapping forwards ports automatically (*Router must support/permit uPnP function)
- Your choice of IE, Chrome, Firefox or Safari browsers to view live or playback video, or to manage NVR
- Unique Channel 0 remote stream displays user defined multi-view in the bandwidth of a single channel
- View multiple live/playback video streams on Android/iOS apps, or get HD viewing from tablet specific app
- Free Windows and MAC CMS Client for up to 64 live/16 playback views, manage and back up multiple sites
- Two way audio support (compatible camera required) from NVR, web screens and CMS
- Rack mountable 1U chassis (optional rack ears: KA-ORM1)









4 Channel Plug & Play NVR

4
4
5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Supported for recording, playback and live viewing
Supported from audio capable cameras
30FPS Main stream; 30FPS Sub-stream
Up to 120FPS total for 4 cameras
20 Mb/s
Depends on IP Camera; typically H.264 for main stream, MJPEG for sub-stream
Continuous, Motion, Alarm, Motion+Alarm, Motion or Alarm
Camera Side, configurable from NVR for KNC-p3 Omni IP Series Cameras
Per day in 1 hour blocks; or 8 time periods per day, each with different record mode; plus holidays
Pre-record 0~30 seconds; post record 5s~10 minutes
10/100 Mb/s each port
KNC-p3BR4IR, KNC-p3BR6IR, KNC-p3BR12IR, KNC-p3DR4IR, KNC-p3DR3IR,KNC-p3DR6IR, KNC-p3DR12IR, KNC-p3BR4XIR, KNC-p3BR6XIR, KNC-p3BR12XIR, KNC-p3TR4XIR, KNC-p3TR4XIR, KNC-p3TR6XIR, KNC-p3LR4IR, KNC-p3LR3IR, KNC-p3LR6IR, KNC-p3BR28V12IR, KNC-p3DR28V12IR
Onvif; Acti, Arecont, Axis, Bosch, Brickcom, Canon, Hikvision, Hunt, Panasonic, Pelco, Samsung, Sanyo, Sony, Vivotek, Zavio
udio
HDMI 60Hz: 1920×1080, 1600×1200, 1280×1024, 1280×720, 1024×768
VGA 60Hz: 1920×1080P, 1600×1200, 1280×1024, 1280×720, 1024×768
1, 2x2
Single camera view and 720p 2x2 at main stream resolution; Automatic switching to substream resolution in other multi-view displays to conserve CPU capacity and maintain parity between per-camera screen area and image size
1-ch Line Level, RCA (Linear, 600Ω)
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50W all ports Integral DHCP function with address-per-port initial assignment stion
tion
Live view, playback and configuration via IE, Chrome, Firefox, Safari (with free plug-in/extension installed)
PC and MAC Client supports multiple device viewing, playback (with digital zoom) and configuration; user rights per camera; E-map support; live view up to 64 cameras in 4:3 and 48 cameras in 16:9; up to 16 cameras in playback
iOS and Android supported; live 1 & 4 camera views; single camera playback; snapshots from live or play; copy clips/record to smartphone; audio support; PTZ control. HD version of app, optimized for tablets, is available
Per user-per camera for multiple functions
Multiple types: alarm, exception, operation, information; dozens of sub-types within each major type
From USB or remotely
For NVR settings and for IP Camera settings; from USB or remotely
One 10/100/1000Mb/s RJ-45 port
Supported
40Mb/s
128
Supported; choice of time zone, NTP server, DST start/end/offset
Automatic port forwarding/redirection using uPnP on routers with this capability
1xRS-485
Two: 1 front; 1 rear
1 RCA
100~240VAC, 47~63Hz
67W including PoE
14°F ~ 131°F (-10°C ~ +55°C)
10% ~ 90%
1, in power supply
17.52" x 11.42" x 1.77" (445mm x 290mm x 45mm) Rack Mountable with optional KA-ORM1 brackets
5.51b (2.5Kg) allow ~1.4 lb. per HDD
FCC, CE, RoHS

www.ktncusa.com

Ordering Information

KNR-p4px4/1TB: 4 Ch PnP, 1 TB | KNR-p4Px4/2TB: 4 Ch PnP, 2 TB KNR-p4Px4/4TB: 4 Ch PnP, 4TB | KNR-p4Px4/4TB: 4 Ch PnP, 4TB | KNR-p4Px4/6TB: 4 Ch PnP, 6TB | KNR-p4Px4/8TB: 4 Ch PnP, 8 TB