



## 16-Channel PoE 4K NVR (No Hard Drive)

K-N16CH4K2ST

SKU: 113406

Karbon K-N16CH4K2ST supports 16CH 8MP high-definition IP video input, which adopts the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

The K-N16CH4K2ST integrates with 16 channel network ports and supports 16channel IPC direct connection to NVR and a 4K ultra definition display. These series of products can meet different security requirements of home, financial, commerce, enterprise, transportation, government, etc.

### Features

- Supports 8 Channel IP Video Input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at a much lower bit rate
- Intuitive and user-friendly Graphic User (GUI), Windows style operation by mouse
- Multi-mode recording : manual/timed/motion/sensor/POS/AI recording
- Playback: 4/8 simultaneous playback
- Search: time slice, time, event, tag, smart research
- Support multiple VCA (Video Content Analytics), events, such as objects abandoned/missing, region
- 4K output, true high-resolution display
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smartphones with iOS and Android OS

### Video and Audio

- IP video input 16-ch
- Up to 8 MP resolution
- Incoming bandwidth 160 Mbps
- Outgoing bandwidth 80 Mbps
- HDMI output 1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
- VGA output 1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
- Video output mode HDMI/VGA simultaneous output
- CVBS output N/A
- Audio output 1-ch, RCA (Linear, 1 K?)
- Two-way audio input 1-ch, RCA (2.0 Vp-p, 1 K?, using the audio input)

### Decoding

- Decoding format H.265+/H.265/H.264+/H.264
- Recording resolution 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
- Synchronous playback 16-ch
- Capability 1-ch@8 MP (30 fps)/5-ch@1080p (30 fps)
- Stream type Video, Video & Audio

- Audio compression G.711ulaw/G.711alaw/G.722/G.726

## **Network**

- Remote connection 64
- Network protocol TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
- Network interface 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

## **PoE**

- Interface 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
- Power ? 150 W
- Supported standard IEEE 802.3 af/at

## **Auxiliary Interface**

- SATA 2 SATA interfaces
- Capacity Up to 8 TB capacity for each disk
- USB interface Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0

## **General**

- Power supply 100 to 240 VAC, 50 to 60 Hz
- Consumption (without HDD and PoE off) ? 15 W
- Working temperature -10 °C to 55 °C (14 °F to 131 °F)
- Working humidity 10% to 90%