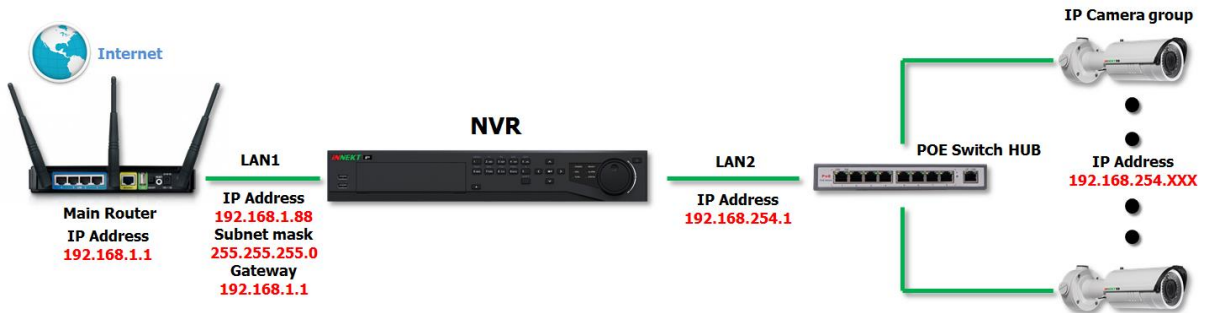# iNNEKT iP

Models

ZKN208P

Main Features

- 8 network cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 6 megapixels resolution.
- Simultaneous HDMI and VGA at 1920 × 1080 resolution.
- New GUI and support starting record with one key.
- Multiple recording type: manual, continuous, alarm, motion, motion alarm, motion & alarm
- Realize instant playback for assigned channel during multi-channel display mode.
- Customization of tags, searching, and playing back by tags.
- Playback by sub-periods
- Locking and unlocking record files.
- Support HDD quota and group modes; different capacity can be assigned to different channel.
- Up to 2 SATA hard disks can be connected with up to 4TB capacity for each
- 1 self-adaptive 10M/100M/1000M network interfaces
- Support INNEKT DDNS (Dynamic Domain Name System);
- Support network detection, including network delay, packet loss, etc.
- Support enabling H.264+ to ensure high video quality with lowered bitrate.

Physical Interfaces

Index	Name
1	Power Supply
2	Audio In
3	HDMI Interface
4	LAN Network Interface
5	Audio Out
6	VGA Interface
7	USB Interface
8	Ground
9	Power Switch
10	Network Interfaces with PoE Function

Example. Block Diagram

Internet

Main Router
IP Address
192.168.1.1

LAN1
IP Address
192.168.1.88
Subnet mask
255.255.255.0
Gateway
192.168.1.1

NVR

LAN2
IP Address
192.168.254.1

POE Switch HUB

IP Camera group

IP Address
192.168.254.XXX

Specification

Model		ZKN208P
Video/Audio input	IP Video input	8-ch
	Two-way audio input	1-ch,RCA(2.0 Vp-p,1kΩ)
Network	Incoming bandwidth	80Mbps
	Outgoing bandwidth	80Mbps
	Remote connection	128
Video/Audio output	Recording resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Frame rate	Main stream 50 fps (P)/60 fps (N)
		Sub stream 50 fps (P)/60 fps (N)
	HDMI/VGA output	1-ch, resolution: 1920 x 1080 /60Hz, 1600 x 1200 /60Hz, 1280 x 1024 /60Hz, 1280 x 720 /60Hz, 1024 x 768 /60Hz
	Audio output	1-ch, RCA(Linear, 1kΩ)
Decoding	Live view / Playback resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Capability	8-ch@720P, 6-ch@1080P
Hard disk	SATA	2 SATA interfaces for 2 HDDs
	Capacity	Up to 4TB for each disk
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	USB interface	1 x USB 2.0 and 1 x USB 3.0
Network interface	Protocols	PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, TCP, UDP, RTP, RTSP, UPnP, HTTPS, IPv4, IPv6
PoE	Interface	8 independent 100 Mbps PoE network interface
	Max Power	120W
	Supported standard	AF and AT
General	Power supply	100 -240VAC
	Consumption (without hard disk and PoE)	≤10W
	Working temperature	-10˚C - +55 ˚C (+14 ˚F - +131 ˚F)
	Working humidity	10%-90%
	Chassis	19-inch rack-mounted 1U chassis
	Dimensions (W x D x H)	445 x 290 x 45mm
	Weight (without hard disk)	≤1 kg