



technical specifications

VK-NVR5232-A



32 CH
up to 4K



perimeter protection
face detection
human / vehicle detection



2 HDD
up to 14 TB



HDMI up to 4K
audio 1 input / 1 output

System

OS	Embedded Linux
OS operation interface	Web/operating in local GUI

AI

Perimeter protection	16CH by camera, 2CH by NVR
Face detection	16CH by camera, 2CH by NVR
Human/vehicle detection	32CH
SMD	16CH by camera, 4CH by NVR

Bandwidth

Incoming	256Mbps
Outcoming	256Mbps

Video & audio output

VGA	1080P / 1.3MP / 720P
HDMI	4K / 1080P / 1.3MP / 720P
Audio output	1CH, RCA (line out, 2Vp-p)

Audio

Audio compression	G.711A
Audio bit rate	8Kbps (16bit)
Two-way talk	Yes

Video & audio decoding

IP channel resolution	Up to 3840 x 2160
Video decoding	H.265 / H.264
Audio decoding	G.711A / G.711U / G.726
Synchronous playback	16CH
Decoding ability	16CH 1080P@30fps / 4CH 4K@30fps

Preview, playback & alarm

Synchronous preview	32
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Multi-screen display 1, 4, 8, 9, 16, 25, 32 views

Record mode Manual; schedule (general, MD, alarm, intelligent)

AI search Search by target classification (human, vehicle, non-motor vehicle)

Backup USB device

Playback function 1. Play, pause, stop, fast forward, fast backward, rewind, play by frame
2. Full screen, backup (cut/file), partially enlarge, audio on/off

Alarm linkage Record, snapshot, buzzer, log, preset, email

Network

Network protocol HTTP, TCP/IP, IPv4, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, Auto register

Mobile Android, iOS

Interoperability ONVIF, SDK

Browser IE8 or later

HDD

SATA	2
Max capacity	14TB
E SATA	1

External interface

Network	2 RJ-45 100M
VGA	1
HDMI	2
USB	2 x 2.0 / 1 x 3.0
Audio I / O	1 / 1
Alarm I / O	8 / 4
RS-232	1
RS-485	1



General

Dimensions	1U 360 x 311.5 x 48 mm
Installation	Desktop installation
Power supply	DC 12V 3A
Consumption	20W (without HDD)
Working temperature	-10°C to +55°C
Working humidity	10% ~ 90%