

technical specifications

VK-NVR1110



10 CH
up to 4K



perimeter protection
face detection
human / vehicle detection



1 HDD
up to 10 TB



HDMI up to 1080P
audio 1 input / 1 output

System

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

AI by camera

Perimeter protection	Yes
Face detection	Yes
Human/vehicle detection	Yes
SMD	Yes

Bandwidth

Incoming	88Mbps
Outcoming	88Mbps

Video & audio output

VGA	1080P / 1.3MP / 720P
HDMI	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	10CH
Decoding ability	4CH 1080P@30fps / 1CH 4K@30fps

Preview, playback & alarm

Synchronous preview	10
Multi-screen display	1, 4, 9, 16 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	1
Max capacity	10TB

External interface

Network	1 RJ-45 100M
VGA	1
HDMI	1
USB	2 x 2.0
Audio input	1
Audio output	1



General

Dimensions	Mini 1U 215 x 235 x 45 mm
Installation	Desktop installation
Power supply	DC 12V 2A
Consumption	7W (without HDD)
Working temperature	-10°C to +55°C
Working humidity	10% ~ 90%