32CH NVR

12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P HD NVR



NGD-8232.5PRO





HD IPC





























4K Output

DDNS

Network

Audio

MIC

Mobile

USB

Mouse

NGD-8232.5PRO supports 32 CH 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024/960P/720P high definition IP input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

NGD-8232.5PRO supports 32CH IPC input, simultaneous 16CH playback, and 4K high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.







12MP/8MP/6MP/5MP/4MP/3MP/ 1080P/960P/720PHDNVR

SPECIFICATIONS

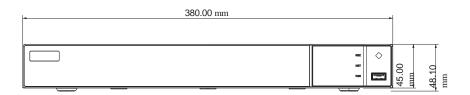
System OS Embedded Linux Archamer Similar (Private Land) H. 26SSHL.265+HL265-HL264 Bry Video Iaput 32CH IPC imput Resolution 12MPSMP6MP/SMP/3MP/3MP/1080P/1280×1024/960P/ 720P990H/DLCF Network Bandwidth 192Mbps/192Mbps (incoming/outgoing) HDMI1: 3840 × 2160/1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI2: 1920 × 1080/1280 × 1024 × 1024 × 768 HDMI3: 2840 × 1024 × 1024 × 1024 × 768 HDMI3: 2840 × 1024 × 1024 × 1024 × 1024		Model	NGD-8232.5PRO
Pivideo Input	System	OS	Embedded Linux
Network Network 192Mbps/192Mbps (incoming/outgoing)		Compression	H.265S/H.265+/H.265/H.264
Network 192Mbps/192Mbps (incoming/outgoing)		IP Video Input	32CH IPC input
Network Bandwidth 192Mbps/192Mbps (incoming/outgoing) Bandwidth HDMII: 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMII: 1920 × 1024 × 768 × 1024 × 769 × 1024 × 768 HDMII: 1920 × 1024 × 768 × 1024 × 1024 × 768 HDMII: 1920 × 1024 × 768 × 1024 × 768 × 1024 × 768 × 1024 × 1024 × 768 × 1024 × 1024 × 768 × 1024		Resolution	
Dulput HDMI2:1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMI1 output the same video source			192Mbps/192Mbps (incoming/outgoing)
Audio		Output	HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
Audio Cacal Output RCA×1		Network Input	32 CH IPC audio input
Local Output RCA × 1	Audio	2-way Audio	RCA×1
Record Stream Pual stream recording Resolution Resoluti	Addio	Local Output	RCA×1
Record Resolution 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF Playback Frame Rate NTSC: 30fps; PAL: 25fps Max 16CH Simultaneous Playback Max 16CH Decoding Search Time slice / time / event / tag / smart search Highlighted color to display the camera record in a certain period of time, different colors refers to different record events Decoding Live View/ Playpack Capability Mode Dual output mode (default mode): supports HDM12 output, but doesn't support Al by device al mode: supports HDM12 output, but doesn't support Al by device al mode: supports HDM12 output, but doesn't support Al by Rivideo input supports Alarm Mode Manual output mode (default mode): supports HDM12 output, but doesn't supports HDM12 output, but do		Compression	G.711(U/A)
Resolution 720P/960H/D1/CIF		Record Stream	Dual stream recording
Playback Search Time slice / time / event / tag / smart search	Record	Resolution	
Playback Search Time slice / time / event / tag / smart search Smart Search Function Play, pause, FF, FB, digital zoom, etc. Playback Live View/ Playback		Frame Rate	NTSC: 30fps; PAL: 25fps
Smart Search Highlighted color to display the camera record in a certain period of time, different colors refers to different record events			Max 16CH
Smart Search Period of time, different colors refers to different record events	Playback	Search	Time slice / time / event / tag / smart search
Decoding Capability Playback Live View/ Playback Dual output mode (default mode): supports HDMI2 output, but doesn't support Al by device AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports Dual Output Mode AI HDMI1) Mode Manual, sensor, motion, exception, smart events, etc. Input 4 CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance (AI by IPC) Face Picture Database Management Add, modify, delete and search face pictures Face Picture Adding Face Picture Adding Face Picture Face Picture Comparison Comparison Support allow list, block list and stranger match alarm		Smart Search	
Capability Playback ICH 12MP/4CH 1080P Multi-Screen Display Mode		Function	Play, pause, FF, FB, digital zoom, etc.
Multi-Screen Display Mode Dual Output Mode AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports Dual Output Mode AI Mode AI Mode AI Mode AI Mode Alarm Mode Manual, sensor, motion, exception, smart events, etc. Input B CH local alarm input Output A CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Search Search Search by picture is supported Pace Picture Adding Face Picture Adding Face Picture Comparison Comparison Capability Search by Dictures through APP, WEB and external import Add face pictures through APP, WEB and external import The Comparison Comparison Comparison Support allow list, block list and stranger match alarm	_	1	1CH 12MP/4CH 1080P
Dual Output Mode AI Mode 24CH (HDMI1) Mode Manual, sensor, motion, exception, smart events, etc. Input 8 CH local alarm input Output 4 CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Match Performance (AI by Device) Face Match Performance (AI by Device) Face Match Performance (AI by Device) Face Picture Database Tace Picture Search Pace Picture Search Add, modify, delete and search face pictures Face Picture Adding Face Picture Comparison Capability Face Picture Search Support allow list, block list and stranger match alarm		Mode	but doesn't support AI by device AI mode: HDMI2 output and 12MP video input (live view/playback)
Alarm Mode Manual, sensor, motion, exception, smart events, etc. Input 8 CH local alarm input Output 4 CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Search by picture is supported Face Picture Search Face Picture Search Add, modify, delete and search face pictures Face Picture Adding Face Picture Comparison Support allow list, block list and stranger match alarm	Mode	Dual Output Mode	32CH (HDMI1) +4CH (HDMI2)
Alarm Output 4 CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance (AI by Device) Face Match Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Face Picture Search Face Picture Search Add, modify, delete and search face pictures Face Picture Adding Face Picture Adding Face Picture Support allow list, block list and stranger match alarm		AI Mode	24CH (HDMI1)
Output 4 CH Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance Capability Face Picture Database Face Picture Search Face Picture Search Face Picture Search Search by picture is supported Face Picture Search Add, modify, delete and search face pictures Face Picture Adding Face Picture Support allow list, block list and stranger match alarm		Mode	Manual, sensor, motion, exception, smart events, etc.
Triggering Record, snap, preset, e-mail, etc. Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Search by picture is supported Face Picture Adding Face Picture Add face pictures through APP, WEB and external import Support allow list, block list and stranger match alarm	Alarm	Input	8 CH local alarm input
Face Detection Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Face Picture Search Face Database Management Face Add, modify, delete and search face pictures Face Picture Adding Face Picture Support allow list, block list and stranger match alarm		Output	4 CH
Performance (AI by IPC) Face Detection Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Face Picture Search Face Picture Search Face Picture Search Face Database Management Face Picture Adding Face Picture Scarch Search Search Search Search Search py picture is supported Face Picture Search Face Picture Add face pictures through APP, WEB and external import Support allow list, block list and stranger match alarm		Triggering	Record, snap, preset, e-mail, etc.
Performance (AI by Device) Face Match Performance Comparison Capability Face Picture Database Face Picture Search Database Management Face Picture Adding Face Picture Add face pictures through APP, WEB and external import Support allow list, block list and stranger match alarm		Performance	32CH
Performance Comparison Capability Face Picture Database Face Picture Search Database Management Face Picture Adding Face Picture Adding Face Picture Support allow list, block list and stranger match alarm		Performance	2 CH (2MP)
Capability Face Picture Database Face Picture Search Face Picture Search Search by picture is supported Face Picture Adding Face Picture Adding Face Picture Adding Face Picture Search Search by picture is supported Add, modify, delete and search face pictures Face Picture Adding Face Picture Comparison Support allow list, block list and stranger match alarm			6 CH
Face Picture Search Search by picture is supported Face Database Management Face Picture Adding Face Picture Adding Face Picture Comparison Support allow list, block list and stranger match alarm	Face		18 pictures / second
Face Database Management Add, modify, delete and search face pictures			
Management Add, modify, delete and search face pictures Face Picture Adding Add face pictures through APP, WEB and external import Face Picture Comparison Support allow list, block list and stranger match alarm		1	Search by picture is supported
Adding Face Picture Comparison Support allow list, block list and stranger match alarm			Add, modify, delete and search face pictures
Comparison Support allow list, block list and stranger match alarm			Add face pictures through APP, WEB and external import
Track display on a map		1	Support allow list, block list and stranger match alarm
		Track	Track display on a map

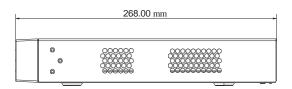
Face	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Video Structure Analysis	Human/Vehicle Classification	Yes
Other	Fisheye	Supports fisheye dewarping via Web Client and mobile APP
Functions	Plate Recognition	Yes
Network	Interface	RJ 45 1000 Mbps × 2
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP, ONVIF, etc.
	Client Connection	Max. 20 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA × 2, max 10T for each HDD
Backup	Local Backup	U disk, USB mobile HDD
Баскир	Network Backup	Yes
	RS 485	Yes (full-duplex), connect to PTZ or keyboard
External	USB	USB 3.0 × 1 ; USB 2.0 × 2
Interface	Remote Controller	Optional
	Power Supply	DC12V/4A
Others	Consumption	≤20W (without HDD)
	Certificate	CE, FCC
	Environmenta 1 Protection	Complies with Directive EU RoHS, REACH and WEEE
	Dimensions(mm)	$380\times268\times45$ ($W\times D\times H$)
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity

FEATURES

- Support 32CH 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P/960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 16 CH simultaneous playback
- Search: time slice, time, event, tag and smart search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support license plate recognition
- Support POS information overlay on live view and playback
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

DIMENSIONS





REAR PANEL

