

Standalone 8 bay NVR – NVRsolo Plus



INTRODUCTION

The NVRsolo Plus series is more powerful and stable than NVRsolo series. It is built on the Linux system.

MODEL

- NP-8160

KEY FEATURE

- Support H.265 decoding
- 1 ch Local fisheye dewarp
- Support 32 channels
- Support dual record
- Dual Monitor display
- Dual Gigabit LAN ports
- Support RAID 0/1/5/10
- Local Operation
- Web viewer
- Remote live viewer
- Remote playback system
- Remote backup system
- Other NUUO product supported: NUUO CMS/ POS

SPECIFICATIONS

Model	NP-8160
Maximum Numbers of Licenses	32
Based License	16
Video Output	HDMI, VGA
Output Resolution	3840x2160, 2560x1440, 1920 x 1080, 1440 x 900, 1280 x 1024, 1366 x 768, 1024 x 768, 800 x 600
Decoding Capacity (H.265)	480fps @ 1080p or 120fps @ 4K ¹
Decoding Capacity (H.264)	480fps @ 1080p or 120fps @ 4K ¹
Throughput	200 Mbps ²
Number of Drives	8 x 3.5" SATA III
External Storage	1 x eSATA
Max Storage Per Drive	10TB
Max Storage per Volume	16TB
RAID Level	RAID 0,1,5,10
RAM	DDR3 2GB
I/O Interface	3 x USB2.0, 1 x USB3.0
LAN	2 x Gigabit Port, RJ45
LAN Transmission Speed	10/100/1000 Mbps
Voltage	AC100~240V, 47Hz~63Hz(Power plug can be selected)
Power Consumption	35W (Without HDD)/ Max 200W
Device Dimension (HxWxD)	440(H)*432(W)*90(H) mm
Device Weight (Without Drive)	7 Kg
Temperature (Operating with HDD)	-10°C ~ 55°C

¹ The total capacity is around: max 8ch 5MP(2560x1920) cameras and others are 2MP(FullHD) cameras; max 6ch 8MP(4K) cameras and others are 2MP(FullHD) cameras

² RAID and high volume HDD (more than 6TB) will decrease MAX Throughput.

Humidity (Operating)	10% -90%				
Supported IP Camera Brands	ACTi	ADT	Airlive	Alarm.com	Alphatech
	American Dynamics	AMTK	Arecont	ARM	ATV
	Asoni	AXIS	Aver	BASLER	Bolide
	BOSCH	Brickcom	Bullwark	Centrix	CISCO
	CNB	COP	CORUM	Dahua	Digital watchdog
	D-Link	DlinkCN	DYNACOLOR	Eneo	Ernitec
	Etrovision	Everfocus	FINE	Forenix	GE
	Grandstream	Grundig	Guardeon	Guardliner	HIKVISION
	Histream	Honeywell	i-Mege	InscapeData	IQinVision
	Jetstor	JVC	LevelOne	LG	Lilin
	Linksys	Lumenera	MegaIP	Messoa	MOBOTIX
	Milesight	NetworkCamera	NTIC	On Electronics	Onvif
	Panasonic	Pelco	PiXORD	PLANET	Probe
	Rover	Saerim	Samsung ³	SANTEC	SANYO
	Shany	Sony	StarDot	Sunell	Techson
	Telview	Tiandy	TOSHIBA	TRUEN	UDP
	Videosec	Vision Hi-Tech	Vista	Vitek	VIVOTEK
Wavekrom	Yudor	Zavio	3S vision	3M	
Compression Format⁴	MPEG-4, M-JPEG, H.264, H.265 and MxPEG (Remote client only)				
Recording Type	Emergency record, continuous record, record by schedule, event triggered record, digital input triggered record, 2nd stream record-dual record(Always record only)				
Live View Control	Live view, preset/go, PTZ, remote I/O, snapshot, digital PTZ				
Remote Live View Control	Live view, preset/go, PTZ, remote I/O, snapshot, multi-view, digital PTZ, advanced E-Map, bandwidth monitoring				
Audio & Video Recording	Synchronized audio and video recording				
POS⁵	Live view, record, playback, and search for every transaction (Web only)				
Auto Backup	Automatically backup the recorded video of the date before to FTP server				
Intelligent Search via Web/Remote	General motion, missing object, foreign object, lose focus, camera occlusion				

³ SAMSUNG Camera SNO-L6083R 1st stream does not support H.264, so NVRsolo_Plus will take 2nd stream as main stream. Thus 1st stream on UI will connect to camera 2nd stream, and vice versa.

⁴ Depend on IP cameras.

⁵ POS device configuration and search function are available in web only.

Remote Live View Connection	Live view maximum 64 connections per server at the same time
Supported 21 Languages:	English, Croatian, Czech, Deutsch, Finnish, French, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Portuguese (Brazil), Russian, Simplified Chinese, Traditional Chinese, Spanish, Swedish, Thai, Turkish and Hungarian
Certification	CE, FCC, LVD

Remote Client System Minimum Requirement	
Model	NP-8160
OS	Windows XP (32-bit) / Win7 (32 and 64-bit) / Win8 (32 and 64-bit) / Win8.1 (32 and 64-bit) / Win10 (32 and 64-bit)
CPU	Intel Core 2 Duo, 2.6GHz
RAM	1GB
LAN Transmissi on Speed	10/100/1000 Mbps (RJ45)
UI	<ol style="list-style-type: none"> 1. Web browser: Internet Explorer 8, 9, 10, 11 2. NUUO client application program 3. NUUO iPhone, iPad, Android mobile live viewer⁶

PACKING LIST

Items	Pcs
9P-Terminal Block 3.81mm	2
Red SATA cable	8
Disk screws	32
Power cord	1
Mouse	1
Rackmount kit	2
Rackmount screws	6
Warranty card	1
Quick start guide	1
CD	1

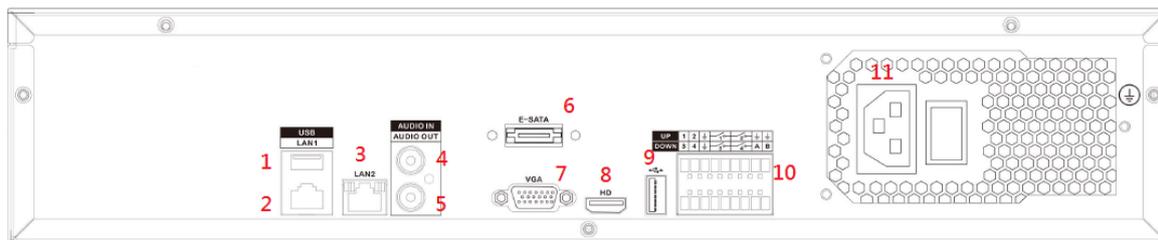
⁶ Please check the supported camera spec list on website. Besides, to use this feature, you have to enable multi-stream function on setting page first.

Front View



No.	Description
1	Power button
2	Reset button ● Press the button for 8 seconds
3	Power Status LED ● Power-on: orange ● Power-off: dark
4	Ethernet Status LED ● Linking: blue
5	USB 2.0
6	USB 2.0

Rear View



No.	Description
1	USB 2.0 connector
2	LAN 1
3	LAN 2
4	Audio-in
5	Audio-out
6	e-SATA connector
7	VGA connector
8	HDMI connector
9	USB 3.0 connector
10	Alarm I/O
11	Power cord connector