

N8320 | Standalone NVR

8bay 32ch network video recorder

www.zavio.com

ZAVIO
Innovating IP since 2006



- 8 bay 32ch Standalone NVR
- Linux embedded
- Up to 4K output resolution
- 320Mbps recording throughput
- H.265 and H.264 decoding capacity
- One click set-up
- Free P2P service, no router setting required
- Supports POS (Point-Of-Sale)
- IP camera batch maintenance
- Compatible with all ZAVIO cameras
- RAID 0, 1, 5, 10
- 4 alarm in / 4 alarm out
- Two way audio (full duplex)
- 100-240V AC
- Operating conditions 0 ~ 50°C

ZAVIO N8320 is a high performance 8 bay 32ch Linux-based network video recorder that provides a maximum storage capacity of 48TB. This full featured NVR can support 12MP recording resolution and 4K display resolution. Its high decoding capacity enables simultaneous live view of up to 16ch full HD real time or a total of 480fps @ 1080p / 120fps @ 4K.

The N8320 is ideal for numerous applications – especially for installations where large numbers of cameras are installed. The embedded IP Camera Batch Maintenance enables users to upgrade cameras firmware, language pack, and even reboot or reset camera batch to factory settings – providing an effective management of the connected cameras.

Technical Specifications

Recorder

Recorder type	8bay NVR
Number of channels	Up to 32 channels
Video compression	H.265, H.264, MPEG4, MJPEG
Operating System	Embedded Linux
RAM	DDR3 2GB

Physical

Housing	2U 19" rack-mount
Dimensions	440 x 432 x 90mm
Weight	7kg
Operating	0 ~ 50°C

Storage

Number of HDD	8 x 3.5" SATA
External storage	1 x eSATA
Max. storage per HDD	6TB
RAID level	0, 1, 5, 10

Video & Audio

Output resolutions	Up to 4K (HDMI)
Dual monitor support	Yes
Dual stream recording	Yes
Recording throughput	320Mbps
H.265 decoding	1080p @ 480fps / 4K @ 120fps
H.264 decoding	1080p @ 480fps / 4K @ 120fps
Recording type	Emergency record, continuous record, record by schedule, event triggered record, digital input triggered record, 2nd stream record dual record ¹ .
Auto backup	Automatic backup of recorded video from date before to FTP.
Audio & video record	Synchronized audio and video recording
Audio support	Two-way

I/O & Connector

Ethernet	2 x RJ-45 Ethernet 10/100/1000 Mbps
Power Supply	100-240V AC Power consumption: Max 240W
Alarm I/O	4/4
Video output	HDMI, VGA
USB interface	3 x USB 2.0, 1 x USB 3.0

Integrations

Supported ZAVIO camera	All models
Supported 3rd party camera	ONVIF
Supported metadata	POS (Point-Of-Sale)

Local & Remote Client

Advanced camera installation tool	Yes
P2P Service	Yes
Remote clients	Windows application, Web client, Mobile app
Web browser	Internet explorer, Chrome, Safari
Mobile platforms	Android, iPhone, iPad
Live view control	Live view, Preset/Go, PTZ, remote I/O, snapshot, digital PTZ
Windows application live view control	Live view, Preset/Go, PTZ, remote I/O, snapshot, digital PTZ
live view control	multi-view, advanced e-map, bandwidth monitoring.
POS (Point-Of-Sale)²	Live view, record, playback, and search for every transaction.
Windows application connections	Live view maximum 64 connections per server ³
Supported languages	Croatian, Czech, Deutsch, English, Finnish, French, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Traditional Chinese, Spanish, Swedish, Thai, Turkish, Lithuanian.

Remote Client System Requirement

Operating System	Win 7 (32-bits and 64-bits), Win 8 (32-bits and 64-bits), Win 8.1 (32-bits and 64-bits).
CPU	Intel Core 2 Duo, 2.6GHz
RAM	1GB
LAN transmission speed	10 / 100 / 1000 Mbps (RJ-45)

Remarks:

1. Always record only.
2. POS device configuration and search functions are available on web only.
3. Performance depends on server spec.