# 64-channel IP Recorder

NVR-6364-H8/FR-II



## FUNCTIONS

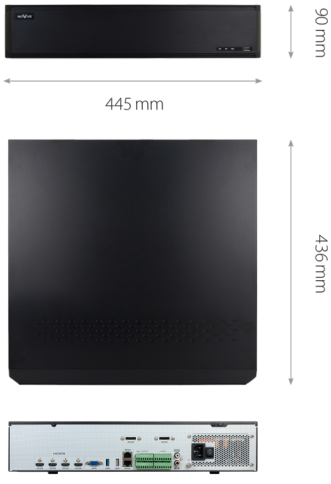
**The recorder is dedicated to work with NOVUS 6000 series IP cameras. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.**

## COMPLIANCE

## KEY FEATURES

- 64 x video and audio channels
- Recording speed up to 1920 fps at 5520 x 2400
- Supports resolution up to 5520 x 2400
- Recorded stream size: 640 Mb/s in total from all cameras
- 8 x internal place for HDD mounting
- 5 x monitor outputs (HDMI 8K UHDTV, 2 x HDMI 4K UltraHD, HDMI, VGA)
- Intelligent image analysis
- RAID protects recordings

## DIMENSIONS




| | |
|---|---|
| **Video** | |
| IP Cameras | up to 64 channels at 5520 x 2400 resolution (video + audio) |
| Maximum Supported Camera Resolution | 5520 x 2400<br>3000 x 3000 for fisheye cameras |
| Compression | H.264, H.265, H.265+, H.265 Smart |
| Monitor Output | main (split screen, full screen, sequence): 1 x HDMI (8K UHDTV), 1 x VGA (up to 2 monitors simultaneously)<br>spot: 2 x HDMI (4K Ultra HD), 1 x HDMI (FullHD) |
| Dualstreaming Support | yes |
| Fisheye Support | yes, 6000 IP series cameras<br>using NVR, any web browser, ipGO 6, N Control 6000 |
| **Audio** | |
| Audio Input/Output | 1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA) |
| **Recording** | |
| Stream Size | 640 Mb/s in total from all cameras |
| Recording Mode | continuous, triggered by: manual, alarm input, motion detection, intelligent image analysis functions |
| Prealarm/Postalarm | up to 5 s/up to 600 s |
| **Display** | |
| Display Speed | 1920 fps (64 x 30 fps) |
| **Playback** | |
| Playback Speed | 480 fps (16 x 30 fps) |
| Recorded Data Search | by date/time, events, image analysis events, POS, motion in a defined area, related to face recognition, tags, license plate number |
| **Backup** | |
| Backup Methods | USB port (HDD or Flash memory), network |
| Backup File Format | MP4, AVI, RPAS (player included) |
| **Storage** | |
| Internal Storage | available mount: 8 x HDD 3.5" 18 TB SATA |
| Total Internal Capacity | 144 TB |
| External storage | 2 x eSATA |
| Total External Capacity | 36 TB |
| RAID Mode | RAID0, RAID1, RAID5, RAID6, RAID10 |
| **Alarm** | |
| Internal Alarm Input/Output | 16/4 relay type (max. 12VDC/1A) |
| Camera Alarm Input/Output | supports IP camera's alarm input/output |
| Motion Detection | supports camera's motion detection |
| System Reaction to Alarm Events | buzzer, alarm output activation, recording activation, PTZ, e-mail with atatchment, Full Screen, PUSH message, voice prompt, snapshot |
| **Intelligent image analysis** | |
| Supported Functions | Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Face Recognition, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LPR), Video metadata |
| Database Capacity | 10000 faces<br>50000 license plates |
| Other parameters | face recognition for 16 NOVUS 6000 series IP cameras with 'F' in the model name or 4 ONVIF cameras |
| **Network** | |
| Network Interface | 2 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s |
| Network Protocols Support | HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 |
| ONVIF Protocol Support | G/S/T profiles |
| PC/MAC Software | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 |
| Mobile applications | ipGO 6 (iPhone, Android) |
| Number of Simultaneous Connections | up to 128 clients, up to 68 main streams or 256 substreams or 32 playback streams in total |
| Bandwidth | 640 Mb/s in total to all client workstations |
| **PTZ** | |
| PTZ Functions | pan/tilt/zoom, preset commands |
| **Auxiliary Interfaces** | |
| USB Ports | 2 x USB 2.0, 1 x USB 3.0 |
| **Operating system** | |
| Operating System | Linux |
| OSD | languages: Polish, English, others |
| Control | PC mouse and IR remote controller (in-set included), network |
| System Diagnostic | automatic control of: HDDs, network, camera connection loss |
| Security | password protection, IP filtering, MAC filtering, ARP guard |
| **Installation parameters** | |
| Dimensions (mm) | 445 (W) x 90 (H) x 436 (D) |
| Weight | 6 kg (without HDD) |
| Power Supply | 100 ~ 240 VAC |
| Power Consumption | 150 W (with 8 HDDs) |
| Operating Temperature | -10°C ~ 50°C |
| RACK Mount 19" | 2U |

*The availability of individual functions (including image analysis) depends on the model of the cameras used, as well as the software version of the recorder and cameras.*
*Presented display and playback speeds are achieved using dual-streaming. Detailed data on hard drives can be found in the compatibility table available in the DOWNLOADABLE FILES tab.*