# NOVUS

# AHD Recorder

NHDR-3116AHD

**3000 AHD SERIES**

## FUNCTIONS

720p Real-Time RECORDING | x16 V+A | x2 Monitor

x2 HDD | 400 FPS

## COMPATIBILITY

NMS Compatible

## KEY FEATURES

- Video channels: 16, audio channels: 16
- Recording speed up to 400 fps **
- Internal HDDs mount: up to 2
- Monitor outputs (main): 2
- Advanced network software
- Supports 700 TVL analog cameras (960H)
- Supports HD analog cameras (720p)

## DIMENSIONS

50 mm

380 mm

340 mm

| Video | |
|---|---|
| Video Input | 16 x BNC |
| Monitor Output | main (split screen, full screen, sequence): 1 x HDMI (FullHD), 1 x VGA (FullHD) |
| **Audio** | |
| Audio Input/Output | 16 x RCA (Line-in)/1 x HDMI, 1 x RCA |
| **Recording** | |
| Compression | H.264 |
| Recording Speed ** | 400 fps (464 x 288),<br>400 fps (928 x 288),<br>400 fps (928 x 576),<br>400 fps (1280 x 720) |
| Recording Mode | continuous, triggered by: REC/PANIC button, alarm input, motion detection |
| Schedule | individual settings for: each camera, each day of the week, configuration with an accuracy of: 30 min, possibility of combining individual recording modes |
| Prealarm/postalarm | up to 3 s/up to 5 min |
| **Playback** | |
| Playback Speed | 240 fps |
| Recorded Data Search | by date/time, events, object appearance/disappearance |
| **Backup** | |
| Backup Methods | USB port (HDD or Flash memory), network |
| Backup File Format | BMP, AVI, H264 |
| **Storage** | |
| Internal storage | available mount: 2 x HDD 3.5" SATA *** |
| Total Internal Capacity | 12 TB |
| **Alarm** | |
| Alarm Input/Output | 16/1 relay type |
| System Reaction to Alarm Events | buzzer, e-mail, alarm output activation, screen message, recording activation |
| **Network** | |
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| PC/MAC Software | NMS, Internet Explorer, NHDR-5000 Viewer, Firefox, Opera/Safari |
| Mobile applications | RXCamLink (iPhone, Android) |
| Number of Simultaneous Connections | up to 3 (live monitoring: 3, playback: 3, configuration: 3) |
| **PTZ** | |
| PTZ Ports | 1 x RS-485 |
| PTZ Protocols | Pelco-D, Pelco-P |
| PTZ Functions | pan/tilt/zoom, preset commands, patterns |
| **Auxiliary Interfaces** | |
| USB Ports | 2 x USB 2.0, |
| **Operating system** | |
| Operating System | Linux |
| OSD | languages: Polish, English |
| Control | front panel, PC mouse and IR remote controller (in-set included), network, NV-KBD50 keyboard |
| System Diagnostic | automatic control of: HDDs |
| **Installation parameters** | |
| Dimensions (mm) | 380 (W) x 50 (H) x 340 (D) |
| Weight | 1.5 kg (without HDDs) |
| Power Supply | 12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included) |
| Power Consumption | 30 W (with 2 HDDs) |
| Operating Temperature | -10°C ~ 45°C |

*Support both high definition analog cameras (720p) and standard resolution cameras (960H). Detailed information in user's manual.
** Recording is limited to 15 fps per channel during playback.
*** List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.