NOVUS

AHD Recorder

NHDR-5016AHD-II

5000 AHD SERIES

FUNCTIONS

HYBRID SYSTEM

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, 1080p)
- IP cameras support (hybrid mode)

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)
IP Streams	hybrid mode: 16 x BNC + 4 x IP
Supported IP resolution	max. 1920 x 1080
Audio	
Audio Input/Output	16 x RCA (Line-in)/1 x HDMI, 1 x RCA
Recording	
Compression	H.264
Recording Speed	400 fps (960 x 576 - 960H) 400 fps (1280 x 720 - HD) 240 fps (1920 x 1080 - FullHD)
IP recording speed	hybrid mode: 100fps
IP stream size	hybrid mode: 16 Mb/s in total from all IP cameras
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	400 fps
IP playback speed	100 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	RxCamView (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
COAX	
COAX Functions	menu, zoom, focus
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, 1080p) and standard resolution cameras (960H). Detailed information in user's manual.
** List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.

UTC Function available from serial No 1602..
Hybrid mode available from NHDR5016AHDII_V160428 firmware.