NOVUS

Digital Video Recorder

NDR-BA5416

B series

FUNCTIONS

HYBRID SYSTEM 960H

D1 Real-Time RECORDING Monitor ×4 HDD ×1

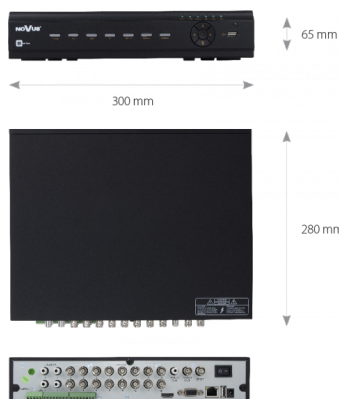400 FPS Audio ×4 Video ×16

COMPATIBILITY

B-Viewer Compatible

NMS Compatible

HDMI

KEY FEATURES

- Video channels: 16, audio channels: 4
- IP video channels: 2
- Recording speed up to 400 fps (analog) + up to 50 fps (IP)
- Internal HDDs mount: up to 1
- Monitor outputs: 4 (3 x main, 1 x spot)
- Advanced network software
- Supports 700 TVL cameras (960H)
- IP cameras support (hybrid mode)

DIMENSIONS

65 mm

300 mm

280 mm

Video	
Video Input	16 x BNC
IP Cameras	Channels number: 2 at 1920 x 1080 resolution *
Monitor Output	main (split screen, full screen, sequence): 1 x HDMI, 1 x VGA, 1 x BNC, spot (full screen, sequence): 1 x BNC
Audio	
Audio Input/Output	4 x RCA/1 x RCA
Recording	
Compression	H.264
Recording Speed	400 fps (720 x 576), 400 fps (720 x 288), 400 fps (360 x 288), 200 fps (960 x 576)
Recording Speed (IP Cameras)	50 fps (2 x 25 fps for 1280 x 720) 24 fps (2 x 12 fps for 1920 x 1080)
IP Stream Size	12 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: alarm input, motion detection
Schedule	individual settings for: each camera, each day of the week, configuration with an accuracy of: 60 min, possibility of combining individual recording modes
Prealarm/Postalarm	up to 30 s/up to 5 min
Playback	
Playback Speed	400 fps (25 fps per channel)
Playback Speed (analog channels)	400 fps (25 fps per channel)
Playback Speed (IP channels)	25 fps (25 fps per channel)
Recorded Data Search	by date/time, events
Backup	
Backup Methods	USB port (HDD or Flash memory), network
Backup File Format	AVI, DAT
Storage	
Internal storage	available mount: 1 x HDD 3.5" SATA (without DVD-RW) **
Total Capacity	4 TB
Alarm	
Alarm Input/Output	16/1 relay type
Motion Detection	22 x 15 grid, individual settings of sensitivity
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	B-Viewer, CMS, NMS, Internet Explorer/-
Mobile applications	SuperLivePro (iPhone, Android), SuperLiveHD (iPhone, Android)
Max. Number of Connections with DVR	7 (live monitoring: 5, playback: 1, configuration: 1)
PTZ	
PTZ Ports	1 x RS-485
PTZ Protocols	N-Control, Pelco-D, Pelco-P, others
PTZ Functions	pan/tilt/zoom, preset commands, patterns, tours, auto-scans
Auxiliary Interfaces	
USB Ports	2 x USB 2.0,
Operating system	
Operating System	Linux
Operation Mode	quadruplex
OSD	languages: Polish, English, Russian, others
Control	front panel, PC mouse and IR remote controller (in-set included), network, NV-KBD70, NV-KBD50, NV-KBD30 keyboards
System Diagnostic	automatic control of: HDDs
Installation parameters	
Dimensions (mm)	300 (W) x 65 (H) x 280 (D)
Weight	2 kg (without HDDs)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	25 W (with 1 HDD)
Operating Temperature	0°C ~ 50°C

Feature available for DVRs with 3.4.3.U-3521-11 2015-04-04(Launch date) or later firmware version. DVR is compatible with Novus IP 3000 cameras.
*** List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES.*