



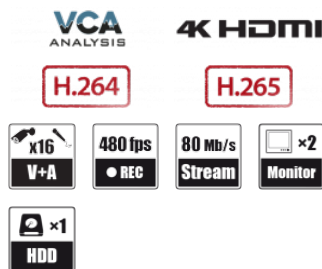
IP Recorder

NVR-4116-H1



4000
IP SERIES

FUNCTIONS



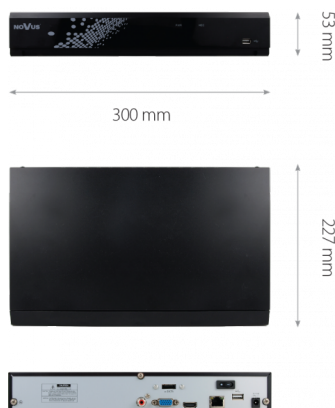
COMPATIBILITY



KEY FEATURES

- Video and audio channels: 16
- Supported protocols: ONVIF
- Recording speed up to 480 fps at 3840 x 2160
- Recorded stream size: 80 Mb/s in total from all cameras
- Internal HDDs mount: 1
- Monitor outputs: 2 (HDMI (4K UltraHD), VGA)
- Intelligent image analysis

DIMENSIONS



Video	
IP Cameras	16 channels at 3840 x 2160 resolution (video + audio)
Supported Resolution	max. 3840 x 2160
Compression	H.264, H.265
Monitor Output	main (split screen, full screen, sequence): 1 x VGA, 1 x HDMI (4K UltraHD) (up to 2 monitors simultaneously)
Dualstreaming Support	yes
Audio	
Audio Output	1 x line-out (RCA) 1 x HDMI
Recording	
Recording Speed	480 fps (16 x 30 fps for 3840 x 2160 and lower)
Stream Size	80 Mb/s in total from all cameras
Recording Mode	time-lapse, triggered by: manual, alarm input, motion detection, intelligent image analysis functions
Prealarm/Postalarm	up to 3 s/up to 600 s
Display	
Display Speed	480 fps (16 x 30 fps)**
Playback	
Playback Speed	480 fps (16 x 30 fps) **
Recorded Data Search	by date/time, events, by image analysis events
Backup	
Backup Methods	DVD (option), USB port (HDD or Flash memory), network
Backup File Format	BMP, MP4, AVI, RF
Storage	
Internal storage	available mount: 1 x HDD 3.5" 8 TB SATA
Total Internal Capacity	8 TB
External storage	1 x eSATA
Total External Capacity	24 TB
Alarm	
System Reaction to Alarm Events	buzzer, e-mail, alarm output activation, screen message, recording activation, PTZ, cloud storage
Intelligent image analysis	
Supported functions	Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Pedestrian Detection, Cross Counting
Network	
Network Interface	1 x Ethernet - RJ-45 Interface, 10/100/1000 Mbit/s
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, SMTP
PC/MAC Software	NMS, Internet Explorer, NHDR-5000 Viewer/Safari, NHDR-5000 Viewer
Smartphone Software	RxCamView (iPhone, Android)
Max. Number of Connections with NVR	2
Bandwidth	64 Mb/s in total to all client workstations
PTZ	
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, 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
Installation parameters	
Dimensions (mm)	300 (W) x 53 (H) x 227 (D)
Weight	1.1 kg (without HDD)
Power Supply	12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)
Power Consumption	20 W (with 1 HDD)
Operating Temperature	-10°C ~ 45°C

* List of compatible HDD models and maximum of their capacities is available in section DOWNLOADABLE FILES. ** Available with dual streaming mode. Support for intelligent image analysis works only with NOVUS IP 2000 series cameras