NOVUS

16-channel IP Recorder

NVR-6316P16A-H2-II





KEY FEATURES





























- •16 x PoE Ethernet ports
- •16 x video and audio channels
- •Recording speed up to 480 fps at 3840 x 2160
- •Supports resolution up to 3840 x 2160
- Recorded stream size: 160 Mb/s in total from all cameras
- •2 x internal place for HDD mounting
- •2 x monitor outputs (HDMI 4K UltraHD, VGA)
- •RACK mount
- •Intelligent image analysis

DIMENSIONS



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.

IP Cameras	up to 16 channels at 3840 x 2160 resolution (video + audio)	
Maximum Supported Camera Resolution	3840 x 2160	
Compression	H.264, H.265, H.265+, H.265 Smart main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (up to 2 monitors simultaneously)	
Monitor Output		
Dualstreaming Support	yes	
Fisheye Support	yes, 6000 IP series cameras • using ipGO 6, Internet Explorer, N Control 6000	
AUDIO		
Audio Input/Output	1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)	
RECORDING		
Recording Speed	480 fps (16 x 30 fps for 3840 x 2160 and lower)	
Stream Size	160 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	480 fps (16 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, 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: 2 x HDD 3.5" 24 TB SATA	
Total Internal Capacity	48 TB	
ALARM		
Camera Alarm Input/Output	supports IP camera's alarm input/output	





16-channel IP Recorder NVR-6316P16A-H2-II

uzzer, alarm output activation, recording activation, PTZ, e-mail with tatchment, Full Screen, PUSH message, voice prompt, snapshot Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Cone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, ine Cross Detection by pedestrian or vehicle, License Plate Lecognition (LPR), Video metadata O00 license plates EX Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 16 x Ethernet PoE LEEB802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with Extended mode ETTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, IPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 IOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM (C., NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
Cone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, ine Cross Detection by pedestrian or vehicle, License Plate Lecognition (LPR), Video metadata O00 license plates *** *** ** ** ** ** ** ** **	
Cone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, ine Cross Detection by pedestrian or vehicle, License Plate Lecognition (LPR), Video metadata O00 license plates *** *** ** ** ** ** ** ** **	
x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s • 16 x Ethernet PoE IEEE802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with extended mode ITTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, IPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 IOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM IOVUS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
IEEE802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with extended mode ITTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, IPnP, SNMP, IEEE 802.1X, PPPOE, SMTP, P2P, POS, HTML5 IOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
IEEE802.3af/at, Class 4) - RJ-45 interface, 10/100 Mbit/s, with extended mode ITTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, IPnP, SNMP, IEEE 802.1X, PPPOE, SMTP, P2P, POS, HTML5 IOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
IPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, P2P, POS, HTML5 IOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM IC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
C, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000,	
dge/Safari, N Control 6000	
oGO 6 (iPhone, Android)	
p to 64 clients, up to 20 main streams or 64 substreams or 16 layback streams in total	
60 Mb/s in total to all client workstations	
an/tilt/zoom, preset commands	
x USB 2.0	
inux	
anguages: Polish, English, others	
C mouse and IR remote controller (in-set included), network	
utomatic control of: HDDs, network, camera connection loss	
assword protection, IP filtering, MAC filtering, ARP guard	
80 (W) x 52 (H) x 268 (D)	
8 kg (without HDD)	
48 VDC (100 ~ 240 VAC/48 VDC PSU in-set included)	
30 W (with 2 HDDs) + 150 W PoE	
10°C ~ 50°C	
U	
i = 1	

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.



