

16-channel IP Recorder

NVR-6316P16A-H2-II



up to 16 channels at 3840 x 2160 resolution (video + audio)

main (split screen, full screen, sequence): 1 x HDMI (4K UltraHD), 1 x VGA (up to 2 monitors simulta

H.264, H.265, H.265+, H.265 Smart

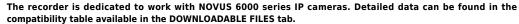
1 x line-in (RCA) / 1 x HDMI, 1 x line-out (RCA)

480 fps (16 x 30 fps for 3840 x 2160 and lower)



FUNCTIONS





3840 x 2160





IP Cameras

Compression Monitor Output

Fisheye Support Audio Input/Output

Recording Speed

Dualstreaming Support

Maximum Supported Camera Resolution

















52 mm

268 mm

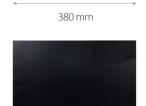
Operating Temperature



KEY FEATURES

- •16 x PoE Ethernet ports
- •16 x video and audio channels
- •Recording speed up to 480 fps at 3840 x •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





	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
	Motion Detection	supports camera's motion detection
	System Reaction to Alarm Events	buzzer, alarm output activation, recording activation, PTZ, e-mail with atachment, Full Screen, PUSH message, voice prompt, snapshot
	Intelligent image analysis	
Α)	Supported Functions	Exception, Scene Change, Video Blurred, Video Color Cast, Tripwire, Zone entrance, Abandoned Object, Object Disappearance, Face Detection, Perimeter Intrusion Detection by pedestrian or vehicle, Line Cross Detection by pedestrian or vehicle, License Plate Recognition (LIPR), Video metadata
	Database Capacity	1000 license plates
	Network	
	Network Interface	1 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
	Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP,
	Network Frotocols Support	P2P, POS, HTML5
л	PC/MAC Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, EdgeSafari, N Control 6000
52 1		NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox,
52 mr	PC/MAC Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000
52 mm	PC/MAC Software Mobile applications	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ipGO 6 (Phone, Android)
52 mm	PC/MAC Software Mobile applications Number of Simultaneous Connections	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 [gGO 6 (Fibnos, Android)] up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total
52 mm	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 [gGO 6 (Fibnos, Android)] up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total
52 mm	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ipGO 6 (iPhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations
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52 mm	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ipG0 6 (iPhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilk/zoom, preset commands
mm	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ipG0 6 (iPhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilk/zoom, preset commands
mm 268	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000. Edge/Safari, N Control 6000 ig606 (if/hone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 [egG6 6 (iPhone, Android)] up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0
mm	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System OSD	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig/60 6 (iPhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux languages: Polish, English, others
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System OSD Control	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig606 (i/Bhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux Languages: Polish, English, others PC mouse and IR remote controller (in-set included), network
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System OSD Control System Diagnostic	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig606 (Fibnea, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System OSD Control System Diagnostic Security	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig606 (Fi/hone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Osc Control System Diagnostic Security Installation parameters	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig606 (i/Bnoe, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux Linux Languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard
mm 768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating system Operating System Osc Control System Diagnostic Security Installation parameters Dimensions (mm)	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 ig606 (i/bnoe, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard 380 (W) x 52 (H) x 268 (D)
768	PC/MAC Software Mobile applications Number of Simultaneous Connections Bandwidth PTZ PTZ Functions Auxiliary Interfaces USB Ports Operating System Operating System OSD Control System Diagnostic Security Installation parameters Dimensions (mm) Weight	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, NMS, Internet Explorer, Firefox, Chrome, Opera, N Control 6000, Edge/Safari, N Control 6000 igGO6 (iPhone, Android) up to 64 clients, up to 20 main streams or 64 substreams or 16 playback streams in total 160 Mb/s in total to all client workstations pan/tilt/zoom, preset commands 2 x USB 2.0 Linux languages: Polish, English, others PC mouse and IR remote controller (in-set included), network automatic control of: HDDs, network, camera connection loss password protection, IP filtering, MAC filtering, ARP guard 380 (W) x 52 (H) x 268 (D) 1.8 kg (without HDD)

-10°C ~ 50°C