

NMS IP Recorder



NMS NVR X-2U-III

PRO SERIES

KEY FEATURES

H	265			
×200	450 Mb/s	A×12	3300 fps	Monitor
V+A	Stream	HDD	● REC	

•Supports resolution up to 4000 x 3000 •Recorded stream size: 450 Mb/s in total from all

cameras •optional disk mounting: 12 x SATA 3,5"

•External arrays support •Operating system: Microsoft Windows Embedded 8 •Recording and surveillance system: NMS (Novus

Management System)

COMPATIBILITY



DIMENSIONS

	EP	89 mm	
≪ 437 mm			
		ь 6	.0.0

IP Camera Recording	160 channels at 1920x1080 (video+audio) using H.264 codec • 200 channels at 1920x1080 (video+audio) using H.265 codec		
Maximum Supported Camera Resolution	4000x3000		
Dualstreaming Support	yes		
DISPLAY			
Monitor Output	3 x Mini Display Port 1.2		
Maximum Resolution	3 x 4K UltraHD		
PERFORMANCE - H.264			
2MPX IP Camera	Recording up to: 160 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 160 main streams) • Playback up to: 8 main streams (while recording: 160 main streams)		
4MPX IP Camera	Recording up to: 120 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 120 main streams) • Playback up to: 8 main streams (while recording: 120 main streams)		
5MPX IP Camera	Recording up to: 100 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 100 main streams) • Playback up to: 8 main streams (while recording: 8 main streams)		
8MPX IP Camera	Recording up to: 80 main streams (while displaying: 8 sub streams) Display up to: 8 sub streams or 6 main streams (while recording: 80 main streams) • Playback up to: 6 main streams (while recording: 80 main streams)		
12MPX IP Camera	Recording up to: 80 main streams (while displaying: 8 sub streams) Display up to: 8 sub streams or 4 main streams (while recording: 80 main streams) • Playback up to: 4 main streams (while recording: 80 main streams)		
PERFORMANCE - H.265			
2MPX IP Camera	Recording up to: 200 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 8 main streams (while recording: 200 main streams) • Playback up to: 8 main streams (while recording: 200 main streams)		
4MPX IP Camera	 X IP Camera Recording up to: 160 main streams (while displaying: 8 sub stree Display up to: 8 sub streams or 8 main streams (while recordir 160 main streams) • Playback up to: 8 main streams (while recording: 160 main streams) 		
5MPX IP Camera	Recording up to: 120 main streams (while displaying: 8 sub streams • Display up to: 8 sub streams or 4 main streams (while recording: 120 main streams) • Playback up to: 4 main streams (while recording: 120 main streams)		





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8MPX IP Camera	Recording up to: 90 main streams (while displaying: 8 sub streams) Display up to: 8 sub streams or 4 main streams (while recording: 90 main streams) • Playback up to: 4 main streams (while recording: 90 main streams)	
12MPX IP Camera	Recording up to: 90 main streams (while displaying: 8 sub streams) Display up to: 8 sub streams or 4 main streams (while recording: 90 main streams) • Playback up to: 4 main streams (while recording: 90 main streams)	
RECORDING		
Recording Mode	Continuous, Schedule, Panic, Triggered: manually, by alaram input, motion detection, video analysis, POS, temerature alarm	
Schedule	individual settings for: each camera, each day of the week, specific days (holidays etc.), configuration with an accuracy of: 15 min, possibility of combining individual recording modes	
Prealarm/Postalarm	Up to: 30s / Up to: 600s	
PLAYBACK		
Recorded Data Search	By Date/Time, Events	
DACKUD		
BACKUP Dealway Matheda	UCD part (UDD lar Flack drive) Natural	
Backup Methods	USB port (HDD lor Flash drive), Network	
Backup File Format	JPEG, BMP, AVI, NMS	
HDD		
Internal storage for system	1 x SSD NVMe	
RAID Redundancy	RAID types: RAID 0	
ALARMS		
Alarm Input/output in cameras	support of alarm input and output built in cameras	
Motion detection	support of motion detection built in cameras	
Video Analytics	supported built in analytics in camera	
Temperature alarm	support of temperature alarm built in cameras	
NETWORK		
Network Interface	2 x Ethernet - RJ45 interface, 10/100/1000 Mbit/s	
Network Throughput	up to 450Mbit/s from all cameras • up to 450Mbit/s to all client stations • Max network throughput: 450Mbit/s for each network card	
Network Protocols Support	НТТР	
Compatible Mobile Applications	NMS Mobile	
PTZ		
PTZ Functions	pan, tilt, zoom, preset commands, patterns, tours, auto-scans, focus iris	
ADDITIONAL INTERFACES		
USB Ports	4 x USB 2.0, 4 x USB 3.2, 1 x USB 3.2 Type-C 2 x USB 2.0,	
OPERATING SYSTEM		
Operating System	Microsoft Windows 10 IoT	
	and Surveillance System NMS (Novus Management System), NOVUS MANAGEMENT SYSTEM VSS	
Recording and Surveillance System		
Additional Software		





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OSD	Polish, English
Control	PC mouse and keyboard (in-set included), DCZ keyboard
System Diagnostic	automatic control of: HDDs, Temperature, Fan, Network
Security	Password protection, IP filtering, MAC filtering, Limiting the number of connections
INTEGRATION	
Integrated Devices	Novus IP Cameras, Novus IP Recorders, Novus AHD Recorders, NMS- ANPR Software, DSC Systems, POS Systems (Posnet, Upos and other), ONVIF Devices, RTSP Devices
INSTALLATION PARAMETER	S
Dimensions (mm)	437 (W) x 89 (H) x 648 (D)
Weight	24 kg (with HDDs)
Power consumption/heatprint	490W/400W (without HDD for recording)
Operating Temperature	5°C ~ 35°C
RACK Mount 19"	2U

Attention: To support more than 1 RTSP stream and 1 ONVIF stream you will need special licence key.

