User Manual

Code: NVR301-16X

NVR **NVR301-16X** 16 CHANNELS UNIVIEW

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.
Only persons who read the user manual may use the device.
The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.
The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.
If the product has defects, it should not be used until it is repaired.
The product is intended for use at home and commercial use and may not be used for other than intended use.
The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.
The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:
1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:
Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.
The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.
Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.
Turn off the device before transporting it.
Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:
A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.
To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The NVR301-16X digital recorder is a professional device using in IP surveillance systems.



DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

User Manual

Code: NVR301-16X

NVR **NVR301-16X** 16 CHANNELS UNIVIEW

Standard:	TCP/IP
Supported resolutions:	max. 8.3 Mpx 4K UHD - 3840 x 2160 px
Video outputs:	1 pcs HDMI 4K 1 pcs VGA
Audio support:	16 Channels - Audio from cameras
Audio inputs:	1 pcs CINCH
Audio outputs:	1 pcs CINCH
Image compression method:	Ultra 265 / H.265 / H.264
Supported hard drives:	1 x 8 TB SATA
Recording modes:	Manual, Motion Detection, Schedule
Network protocols:	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, ONVIF
External storage devices backup:	Backup to USB drive (pendrive, external drive)
Searching and playback the records:	Records searching: by time and events type. Records playback: forward, backward, fast, slow Advanced searching (to the one second accuracy) Records playback from max. 16 channels in the same time 1/4/6/8/9/16 channel synchronous playback
Bitrate:	max. 64 Mbps
Network functions:	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users Cloud update
ONVIF:	✔
Default admin user / password:	admin / 123456
Default IP address:	DHCP or 192.168.1.30
RTSP URL:	rtsp://192.168.1.30:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.30:554/unicast/c1/s1/live - Sub stream
Web browser access ports:	80, 554
PC client access ports:	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation
Mobile client access ports:	80
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView
Alarm inputs / outputs:	–
PTZ control:	PTZ Uniview cameras
Motion Detection:	✔
Intelligent Image Analysis:	✔
USB:	• 1 x USB 2.0 • 1 x USB 3.0
Mouse support:	✔

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

User Manual

Code: NVR301-16X

NVR **NVR301-16X** 16 CHANNELS UNIVIEW

IR remote controller in the set:	–
Main features:	Functions implemented in cooperation between the recorder and cameras that support these functions • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • Motion Detection • Audio detection • IVS analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, scene changing, abandoned/missing object, face detection, counting people in a given area
Power supply:	12 V DC / 2 A (power adapter included)
Weight:	0.91 kg
Dimensions:	260 x 247 x 47 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Slovak, Italian
Country of origin:	China
Manufacturer / Brand:	UNIVIEW
Guarantee:	**3 years**

Top view:



Rear panel:



See how to mount a hard disk drive and configure the recorder:

:

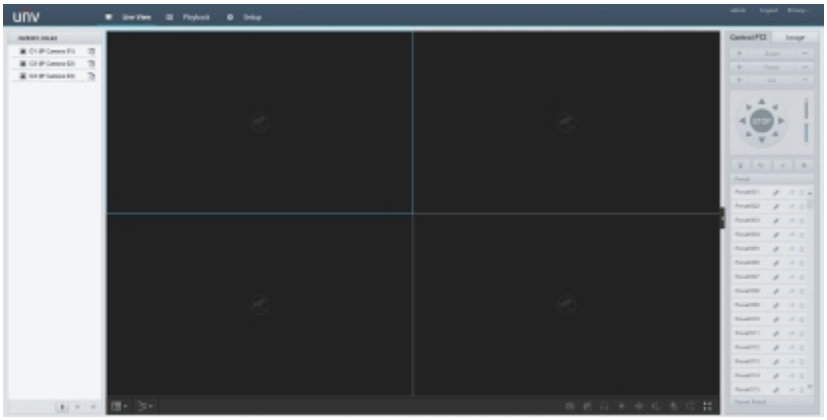
In the kit:

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



Example captures of device interface:





PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60