

Features	NVR 4000	NVR 4200	NVR 4200V	NVR 4200-H4	NVR 4300
Site of Operation	SOHO, Offices, Boutiques Gambling, Houses, Bars Coffee-Shops, etc	SOHO, Offices, Boutiques Gambling Houses, Bars CoffeeShops, etc	Buses, Subways, Trains Lorries, HGVs, Police, Fire brigade, Security, etc	Areas & outdoor security Shopping center big festivals	SOHO, Offices, Boutiques, Gambling Houses, Bars CoffeeShops, etc
Interface	10/100 Mbps Ethernet 4 LAN / 1 WAN			10/100 Mbps Ethernet 16 LAN / 4 WAN	Dual Giga LAN 4 LAN / 1 WAN
# of Cams	4 x via LAN	4 x via LAN	4 x via LAN	16 x via LAN	8 x via 4 LAN, Switch
Resolution	VGA, up to 2 MegaPixel	VGA, up to 2 MegaPixel	VGA, up to 2 MegaPixel	VGA, up to 2 MegaPixel	VGA, up to 2 MegaPixel
Frames Per Second (fps)	up to 60 fps			up to 240 fps	up to 120 fps
Protocol	TCP / IP, HTTP, UPnP, SNTP, DHCP Server / Fixe IP, DHCP Client / Fixed PPPoE TETP, CLI, SMTP, FTP Client / Server, DDNS				
CPU	ARM 9 based CPU	ARM 9 based CPU	ARM 9 based CPU	4 x ARM 9 based CPU	ARM 9 based CPU
HDD	1 X IDE HDD (support up to 750GB)	1 x SATA HDD (support up to 1.5 TB)		4 x SATA HDD (support up to 1.5 TB)	1 x SATA HDD (support up to 1.5 TB)
Memory	8 MB Flash, 64 MB DRAM	8 MB Flash, 64 MB DRAM	8 MB Flash, 64 MB DRAM	4 x 8 MB Flash, 64 MB DRAM	8 MB Flash, 64 MB DRAM
Compression Format	MJPEG	MJPEG, MPEG4, H.264	MJPEG, MPEG4, H.264	MJPEG, MPEG4, H.264	MJPEG, MPEG4, H.264
Power	12V / 5A	12V / 5A	12V / 5A (NP 240-24V Power Unit) (NP 120-12V Power Unit)	12V / 18.5 A	12V / 5A
Consumption of Electricity	max. 14.4W	max. 14.4W	max. 14.4W	max. 50W	max. 14.4W
Alarm	E-Mail, Browser pop up warning, Push Service (optional)				
Dimensions (WxDxH)	300mm x 152mm x 44mm	300mm x 152mm x 44mm	200mm x 304mm x 88mm	433mm x 255mm x 247mm	320mm x 152mm x 44mm
Weight	1.95 KG/4.31 lbs (HDD included)	1.60 KG/3.54 lbs (HDD included)	5.06 KG/ 11.16 lbs (HDD included)	17.3 KG/ 38.14 lbs (HDD included)	1.74 KG/ 3.84 lbs (HDD included)
Operating Environments	Temperature: - 10°C ~ + 60°C Humidity: 20% ~ 80% R.H.	Temperature: - 10°C ~ + 60°C Humidity: 20% ~ 80% R.H.	Temperature: - 10°C ~ + 60°C Humidity: 20% ~ 80% R.H.	Temperature: - 10°C ~ + 60°C Humidity: 20% ~ 80% R.H.	Temperature: - 10°C ~ + 60°C Humidity: 20% ~ 80% R.H.
Certification	CE, FCC	CE, FCC	CE, FCC, ISO16750-3 (Test Acceleration-Operating Mode: 1G (m/S2)) (Test Acceleration-Non Operating Mode: 5G) e-Mark Certification	CE, FCC	CE, FCC
Software	Recording in MJPEG, timer recording, system security, dual mode (recording and playback), IPcam search tool, Back up, Motion detection, Language selection, alarm FTP function, permanent alarm recording, up to 4 IPcams in 60fps in VGA: 640x480 dpi, 120fps in CIF: 320x240 dpi, 120fps in QCIF(QQVGA) 160x120 dpi	Recording in MJPEG, MPEG4, or H.264, timer recording, system security, dual mode (recording and playback), IPcam search tool, Back up, Motion detection, Language selection, alarm FTPfunction, permanent alarm recording, up to 16 IPcams in 60fps in VGA: 640x480 dpi, 120fps in CIF: 320x240 dpi, 120fps in QCIF(QQVGA) 160x120 dpi	Recording in MJPEG, MPEG4, or H.264, timer recording, system security, dual mode (recording and playback), IPcam search tool, Back up, Motion detection, Language selection, alarm FTPfunction, permanent alarm recording, up to 16 IPcams in 60fps in VGA: 640x480 dpi, 120fps in CIF: 320x240 dpi, 120fps in QCIF(QQVGA) 160x120 dpi	Recording in MJPEG, MPEG4, or H.264, timer recording, system security, dual mode (recording and playback), IPcam search tool, Back up, Motion detection, Language selection, alarm FTPfunction, permanent alarm recording, up to 16 IPcams in 60fps in VGA: 640x480 dpi, 120fps in CIF: 320x240 dpi, 120fps in QCIF(QQVGA) 160x120 dpi	Recording in MJPEG, MPEG4, or H.264, timer recording, system security, dual mode (recording and playback), IPcam search tool, Back up, Motion detection, Language selection, alarm FTPfunction, permanent alarm recording, up to 16 IPcams in 60fps in VGA: 640x480 dpi, 120fps in CIF: 320x240 dpi, 120fps in QCIF(QQVGA) 160x120 dpi
Models	Compatible with Axis, Panasonic, Mobotix, Sony, Pelco, and Vivotek IP Cameras				



Professional video surveillance
made easy with NVRs by Plustek



The Plustek network video recorders (NVR) are professional and compact surveillance and security systems which are especially made to meet the needs of businesses and organizations of every size. Monitoring from static installations small offices, branches and whole buildings to mobile installations in cars, vans, lorries or public transport, the Plustek NVR series offers the perfect solution for professional video surveillance and recording.

Compact size and with multi-functionality, the Plustek NVR series offers most efficient all-in-one network video recorder solution in the market. It is also extremely energy efficient comparing with a PC based system. On several models of the NVRs the energy consumption is below 14.4W, is one of the best power-saving products of the year.

Controlling of the recorders is through any web based browser is as easy as straightforward internet surfing. No other technical knowledge is required; the system can be operated easily by anyone after only basic training.

All Plustek NVRs are independent and trouble-free when used with any operating system or network. Simply plug & play the NVR over LAN with IP cameras from Axis, Panasonic, Mobotix, Pelco, Sony, or Vivotek; connect each other and you are ready to go. It couldn't be simpler!



supports IP-Cameras by



Complete overview from one screen



The very user-friendly and graphically high grade web-based user interface allows an optimum overview of all important functions and tools. Whether it be controlling the camera directly or manage recorded video data - everything can be selected simply and comfortably with just a few mouse clicks. From a single image, up to 4 video cameras can be shown simultaneously in a single browser window, either live or in replay mode. Surveillance can also be done locally, through Plustek's own design software-MultiManager, for complete 16-CH overview. With the Distributed Management System (DMS), the NVR 4300 can accommodate up to 8 cameras, and the NVR 4200-H4 up to 16 cameras - each of these can be displayed in individual browser windows. Plustek NVRs can record, dependant upon the camera resolution, up to 120 fps or in full VGA (Video Graph-

ics Array). This is a power which has been previously unequalled in this price range. Furthermore, the Plustek NVR is able to support all IP cameras and to reproduce 100% of their performance.

Optimal compression & maximum data safety

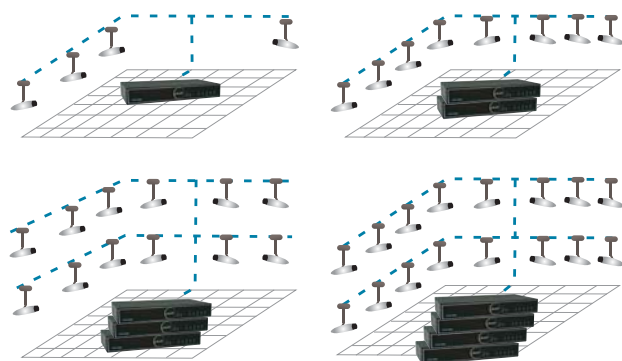
The NVR records all data as a Real-Time-Stream, in M-JPEG, MPEG4, or H.264 compression format. In addition all video data is encrypted to protect against interference and hacking, without the decoder, no data or images can be shown, so that even if the data is lost, no one can access it without following authorized and protected procedures. Even if the NVRs are stolen, all video data can be easily recovered through the backup management system and an external FTP-file server. In addition, installation, configuration and service is fast as a result of the TCP/IP-network integration and is relatively straightforward to carry out.



Independent Operating System and ultra high speed

The NVR integrates easily into any available network through its DHCP (Dynamic Host Configuration Protocol) server. With Plug & Play, the IP cameras can easily be connected with the NVR through a LAN cables - the NVR recognizes the connection immediately and automatically assigns free IP addresses. With a bandwidth from 1MB the NVR is ideal for existing networks. If the system needs a connection over 1GB, the NVR 4300 offers High speed to gigabit LAN connection capability.

The Plustek NVR offers a large capacity hard disk with up to 1.5 TB (standard 320 GB). By connection in series, (Cascading) with up to 4 devices, an almost boundless recording duration and a maximum number of 16 IP cameras can be reached. The NVR4200-H4 is specifically designed for installation in a 19" rack and combines 4 NVRs in one unit for up to 16 IP cameras on one single system. With the DMS (Distributed Management System) software, the user can administer the recorders as a uniform system.

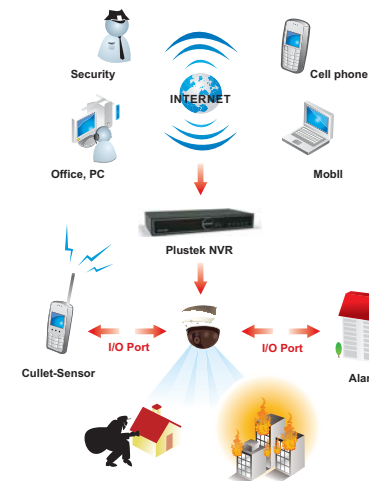


Supports : MAC_Safari · Windows_Internet Explorer · Linux_Firefox

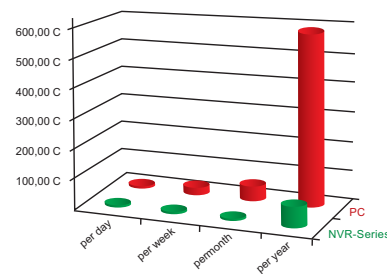
Access at any time and from everywhere

plustek

The NVR is the perfect video supervision solution for quick and trouble-free integration with other security systems. From the I/O port of the IP cameras, for example, broken glass sensors or door sensors are able to be utilized so that the smart recording can be used. The Plustek NVR is also capable of capturing data from equipment such as horns and light signals from vehicles. Recordings, as well as a 'Live-View' can be viewed from anywhere in the world by the easy-to-use password protected access to the NVR from any web enabled PC/laptop/terminal. Even with a mobile phone capable of web access it is possible to access the NVR! When on the Internet, simply select the NVR and log in with username and password. Now all functions are available to you even from thousands of miles away. And with the alarm features utilizing either e-mail or an SMS (PushService), you can be notified of any unwanted intrusions so that you can log in and view the situation immediately.



Real Green IT with extremely low power consumption



The NVR series belongs to the Green IT Products of 2009. With a very low power consumption of a maximum 14.4W (NVR 4200-H4 max. 50W) with full load, the single network video recorders use less than some light bulbs! In comparison to a video supervision-based PC, the advantages of the NVR series become clear - save up to £500 per year in energy costs and spare important resources and the environment. In addition, a lot of care was used with the production, development and the processing of the materials.

The NVR series, suitable for every Application

Whether you need to cover a large or small amount of space, whether you have a lot or just a few cameras, Plustek offers you the optimum solution for all sectors of application. Smaller outlets such as for example kiosks, boutiques and coffee shops often have little space for a professional full system set up. The NVR 4000 and the NVR 4200 are ideal here, small, in order to save space and for a maximum of 4 IP cameras these can be installed even in a double (hung) ceiling invisibly. If you would like to install more than 4 cameras - no problem! The NVR 4300 can utilize its GigaLAN connection for up to 8 cameras - ideal for banks, petrol stations, hotels, private houses etc. Moreover, it is also ideal for bigger offices, casinos / amusement arcades and cash box ranges. The 4200-H4 NVR has been designed for bigger supervision need such as in schools, colleges or nightclubs etc. With a maximum of 16 IP cameras and the 19" Rack size it fits in ideally with existing network setups and server storage. Even for building site supervision, the Plustek NVR solutions are the perfect choice. The NVR 4200V is designed specifically to be resistant to vibrations for installation into vehicles. Whether for use in buses, HGVs, cars or trains, mobile NVR solutions are expressly designed for the specific needs of mobile security systems. Also ideal for use in police and rescue vehicles, the mobile NVRs are optimally equipped. Use the mobile NVRs for real time monitoring, integration with advertising systems, with the NVR series from Plustek, almost everything is possible!

