Plustek NVR 4300

Dual Giga LAN for Maximum Monitoring Live Views

The Plustek NVR 4300 is one of the smallest and most energy efficient Linux-embedded NVR standalone systems for surveillance solutions. The NVR 4300 not only offers easy installation, but every machine undergoes extensive testing before its released, making it one of the most stable and durable systems of its type. Designed with an open-platform concept to allow integration of linear systems, the NVR 4300 is future-proofed towards the growing areas within surveillance technology.

The NVR 4300 provides video compression in Motion-JPEG and MPEG-4, and it supports the latest compression mode - H.264. The NVR 4300 is designed to work primarily with network or 'IP' cameras but can also manage traditional analogue cameras. The cameras are fully manageable via your local network or over the Internet. The NVR 4300 provides the most efficient video coding transmission for your surveillance recordings. This powerful unit provides you with a comprehensive security solution for detecting shoplifters, reducing false alarms, increasing personal safety, and/or simply viewing your premises. It is an ideal solution for monitoring shops, gas stations, hotels, and business/offices premises.

The NVR 4300's bundled software application, Search Tool, enables simultaneous recording and remote access to live views and offers easy installations and auto camera detection. This software is capable of playing back recorded images and videos. It is powerful and user-friendly video management software for monitoring and controlling event functions. Surveillance can also be done locally, through Plustek's in house software, MultiManager, a CMS application that allows you to monitor up to 128 channels.
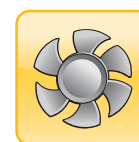
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Easy to install and use for your life
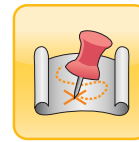
Audio

Alarm Schedule Recording

Quiet Design

Intelligent PTZ Control

Remote Access

Location Map

E-mail Alert

Auto Startup

Sensor-Triggered Alarm

Back Up

Environment Friendly

Motion Detection

RS232
Reset
WAN
LAN port

Power Consumption

Plustek NVR	**14W**
PC-based NVR solution Write/Read	300-350W

The embedded system provides lower power consumption and less vulnerable to virus. The amount of power consumption needed for NVR is less than an energy saving light bulb.

Software Application

System: Linux

Communication Protocol:
TCP / IP, HTTP (Web Services), UPnP (Only for discovering the IGD and open the virtual server), SNTP (for Time & Date), DHCP server, Fixed IP (for IP Cameras LAN port), DHCP Client, TFTP (for upgrade), CLI (for console Operating, Used for DEBUG & Factory), SMTP (for Alarm Notification), FTP Client (for Alarm Notification), DDNS (Vendor Dependent)

Software AP :

Motion Jpeg, MPEG4, H.264 Complete recording, Timing schedule, System check, Quad mode for simultaneous recording, Playback, Search camera, Backup, Motion detection, Multiple language, Alarm triggered FTP, Pre / Post alarm

Language Support

English/French/German/Japanese/Korean/Simplified & Traditional Chinese

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Specification

Hard Drive Disk (HDD)	Support 1 x 3.5" SATA HDD
Interface	Dual Giga LAN
Port	4 x LAN port for Network cameras
	(Support up to 8-CH)
	1 x WAN port for NVR
LED Indicators	Power status, HDD, WAN
	4 x Network camera connection status
Frames Per Seconds (fps)	up to 120 fps
Power	Secure power-off Switch/Button
	External power adaptor 12VDC 5A
Reset	One-touch reset button
	(reset to manufacture setting)
Operating Environments	Temperature: -20℃ to +40℃
	Humidity: 20% to 80% R.H.
Compression Format	MJPEG, MPEG4, H.264
Energy-saving Design	Low power consumption (max 14.4W)
Thermal Solution	Low noise fan
Automatic Data Protection	Supports automatic system startup after
	power outage
Dimensions	320 (W) x 152 (D) x 44 (H) mm
	12.60 (W) x 5.98 (D) x 1.73 (H) inch
Hardware Net Weight	1.74 KG/ 3.84 lbs (HDD included)
Supported Camera Brand	Axis, Panasonic,Mobotix, Pelco, Sony, or Vivotek
Approvals	CE:EN55022 / FCC

System Requirements

IBM Compatible PC, with Pentium III 1G or faster CPU / CD-ROM Driver / 256 MB RAM (512 MB or higher recommended) / 800 MB free / HDD space (1G or larger recommed) / High Color graphic card (VGA or higher) /Microsoft Windows XP, Vista, or 7, and Internet Explorer Version 6 and Above.