



plustek

2011

C a t a l o g





NVR

Slim240

Features

- Designed for discrete installations
- Local storage of both voice and video
- Plug&Play IP device to manage all IP cameras
- Full accessibility from anywhere in the world
- The lightest network video recorder in the world with only 800g in total weight (HDD included)
- Fan less design able to sustain tough environment for -20°C to +65°C



Specification

Hard Disc	Support 1 x 2.5" SATA HDD factory standard HDD included
Video Channels	Supports up to 4 channels
Interface	10 / 100 Mbps Ethernet
Port	4 x RJ-45 port for Network cameras 1 x RJ-45 port for NVR USB & RS232 (Optional)
LED Indicators	4 x Network camera connection status
Frames Per Seconds (fps)	up to 60 fps
Power	External power adaptor 5VDC 3A
Operating Environments	Temperature: -20°C~+65°C
Compression Format	MJPEG, MPEG4, H.264
Energy-saving Design	Low power consumption (max 8W~10W)
Automatic Data Protection	Supports automatic system startup after power outage
Dimensions	152 (W) x 125 (D) x 45 (H) mm 5.98 (W) x 4.92 (D) x 1.77 (H) inch
Hardware Net Weight	800 g / 1.76 lbs (HDD included)
Software AP	MJPEG, MPEG4, and H.264 Complete recording, Timing schedule, System check, Quad mode for simultaneous recording, Playback, Search camera, Backup, Motion detection, Multi-language, Alarm triggered FTP, Pre/Post alarm recording, 4CH view system operation / 60fps per VGA: 640x480 high quality / 120 fps per CIF: 320x240 high quality and 120 fps per QCIF (QQVGA) 160x120 high quality
Supported Camera Brand	Axis, Panasonic, Mobotix, Pelco, Sony, Vivotek Etrovision, Basler, Allnet, & more

NVR

4200V

Features

- Distributed Management System
- High Speed recording
- Dual Backup Mode
- Auto IP System
- Weekly Schedule Recording
- Suppresses heavy vibrations encountered during transit
- Durable, spring-cushioned housing to extend disk life in high-vibration environments
- Active cooling/heating to protect disk in extreme temperature



Specification

Hard Disc	Support 1 x 3.5" SATA HDD factory standard HDD included
Video Channels	Support up to 4 channels
Interface	10/100 Mbps Ethernet
Port	4 x RJ-45 port for Network Cameras 1 x RJ-45 port for NVR
LED Indicators	Power Status, HDD, WAN 4 x Network camera connection status
Power	External power supply 24VDC / 12VDC (not included)
Reset	One-touch reset button (reset to manufacture setting)
Operating Environments	Temperature: -10°C to +55°C (NVR Unit) Humidity: 20% ~ 80% R.H.
Certification	Certification (E-mark (E4), ISO 16750-3-IEC 60571, EN 50155, CE and FCC) (Test Acceleration-Operating Mode: 1G(m/S ²)) (Test Acceleration-Non-Operating Mode: 5G)
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 (W x D x H)	304 x 210 x 108 mm (11.97" x 8.27" x 3.86")
Hardware Net Weight	4.15 Kg/ 9.14 Lbs/ (HDD included)
Supported Camera Brand	Axis, Panasonic, Mobotix, Pelco, Sony, Vivotek Etrovision, Basler, Allnet, & more
Accessory	Power Controller Box- NP Series (Optional)

NVR

NP Series

(NP 120-100W & NP 240-100W)

Features

- Extremely rugged for electronics voltage stabilization on automobile and on the road environments.
- Versatile design with wide variation of input and output combinations
- High tolerance for shock and vibration
- Light Weight Reduces Strain During Vibration
- Conduction Cooled, Ruggedized Package
- Safety regulation (E-mark (E4), ISO 16750, IEC 60571, EN 50155, and FCC.)



Specification

Application	Model # NP 120-100W: Automobile Usage Model # NP 240-100W: Bus/Public Transit Usage (NVR + Video Server + 4PCS CCTV Cameras)
Input Voltage	Model # NP 120-100W: 12VDC Model # NP 240-100W: 24VDC
Input Voltage Range	Model # NP 120-100W: 9~18 VDC Model # NP 240-100W: 9~36 VDC
Max Input current at No Load	185mA
Output Voltage	12VDC
Cut Off Voltage:	Model # NP 120-100W: 10.5V Model # NP 240-100W: 20.5V
Power Consumption:	5W
Output Adjustment	9.6-13.2V with internal trimpot
Max Output Current(s)	6.3A
Max Output Power (milliseconds)	75 Watts
Max Output Power (3 seconds)	75 Watts
Max Output Power (continuous)	43 Watts
Output Plug Type	Screw Terminal Standard
Efficiency	88%
Line Regulation	24 mV
Load Regulation	30 mV
Switching frequency	300 KHz
Output ripple noise	100mVp-p
Remote power on/off	Yes
Connections	Screw terminals
Protection	Over Voltage , Over Current, Short Circuit , Reverse Polarity, Over Temperature
Dimensions	160x140x42.2mm (6.30x5.51x1.66 inches)
Weight	985g (2.17 lbs)

NVR

4200

Features

- 1~4 CH Camera Input
- Distributed Management System
- Dual Backup Mode
- High-speed Video Recording
- Weekly Schedule Recording
- Auto IP System
- Module Design
- Ultra-Slim Compact Size



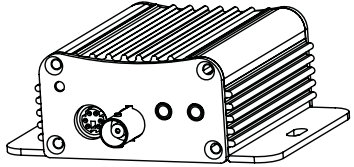
Hard Disc	Support 1 x 3.5" SATA HDD factory standard HDD included
Video Channels	Supports up to 4 channels
Interface	10/100 Mbps Ethernet
Port	4 x RJ-45 port for Network Cameras 1 x RJ-45 port for NVR
LED Indicators	Power Status, HDD, WAN 4 x Network camera connection status
Power	Secure power-off Switch/Button External power supply 12VDC/5A
Reset	One-touch reset button (reset to manufacture setting)
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 (W x D x H)	300 x 152 x 44 mm (11.81" x 5.98" x 1.73")
Hardware Net Weight	1.60 kg/3.54 Lbs (HDD included)
Software AP	MJPEG, MPEG4, and H.264 Complete recording, Timing schedule, System check, Quad mode for simultaneous recording, Playback, Search camera, Backup, Motion detection, Multi-language, Alarm triggered FTP, Pre/Post alarm recording, 4ch View system operation / 60fps per VGA: 640x480 high quality / 120 fps per CIF: 320x240 high quality and 120 fps per QCIF (QQVGA) 160x120 high quality
Supported Camera	Axis, Panasonic, Sony, Vivotek, Pelco, Mobotix Etrovision, Basler, Allnet, & more

VS

210A

Features

- Supports H.264, MPEG4, MJPEG Dual Stream
- Slim & Compact, easily migrate from analogue to network
- Capability of recording audio sound
- Supports WiFi USB interface
- Ability to integrate PTZ controls



Processor and Memory	ARM9 Base SoC, 128MB RAM, 16MB Flash
Port	1 x RJ45 (Network) 1 x BNC Video In 1 x Audio In/ Out 1 x USB (for WiFi)
Reset	one-touch reest button (reest to manufacture setting)
Video Streaming	Simultaneous Dual Streams with Controllable Frame Rate and Bandwidth
Bit-rate	M-JPEG: 5 Video Quality Level Selectable; MPEG-4/H.264 : 64K~4Mbps
Video Input	BNC, 1.0Vp-p with 75 Ω loading
Image Setting	Compression, Brightness, Contrast, Saturation
Video Compression	M-JPEG, MPEG-4, H.264 Format Selectable MJPEG: NTSC: 30fps @ 720x480 (D1 Resolution) / PAL: 25fps @ 720x576 (D1 Resolution) MPEG4: NTSC: 30fps @ 720x480 (D1 Resolution) / PAL: 25fps @ 720x576 (D1 Resolution) H.264: NTSC: 30fps @ 720x480 (D1 Resolution) / PAL: 25fps @ 720x576 (D1 Resolution)
Audio Compression	ADPCM AMR
Security	Password Protection, IP Address Filtering, User Access Privilege
Network Protocol	TCP/IP, UDP, DHCP, PPPoE, HTTP, DNS, DynDNS, NTP, FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP, IPv4, SAMBA client (NAS)
Intelligent Video	Motion Detection
Alarm Trigger	Periodical Timer, Intelligent video and external input
Alarm Event	Intelligent Video, File Upload via FTP, Notification via E-mail, External Output Activation, File Recording to Remote FTP or NAS
Video Buffer	Pre-and Post Alarm Buffer up to 10-sec
Web Browser	Microsoft Internet Explorer 6.0, or Above
Dimension	94 (D) X 72 (W) X 34 (H) mm
Weight	180g
Power	12V DC / 1A
Operation Conditions	- 10 °C ~ 50 °C (14 °F ~ 122 °F) Humidity: 20% ~ 80% RH
Approvals	CE, FCC, RoHS

NVR

4300

Features

- 8 Channels for full coverage surveillance
- High Speed Dual Giga LAN interface
- I/O port trigger alarm recording
- File transfer via external USB hard drive (Optional)
- External host application via USB interface (Optional)



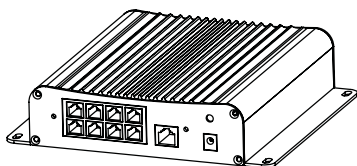
Specification

Hard Disc	Support 1 x 3.5" SATA HDD factory standard HDD included
Video Channels	Support up to 8 channels
Interface	Dual Giga LAN
Port	4 x RJ-45 port for Network Cameras (8 cameras via switch) 1 x RJ-45 port for NVR 2 x USB2.0 port (Optional) I/O Port
LED Indicators	Power Status, HDD, WAN 4 x Network camera connection status
Power	External power supply 12VDC/5A
Reset	One-touch reset button (reset to manufacture setting)
Operating Environments	Temperature: -20°C to +40°C Humidity: 20% ~ 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 (W x D x H)	320 (W) x 152 (D) x 44 (H) mm 12.60 (W) x 5.98 (D) x 1.73 (H) inch
Hardware Net Weight	1.74KG/ 3.84 lbs (HDD included)
Software AP	MJPEG, MPEG4, and H.264 Complete recording, Timing schedule, System check, Quad mode for simultaneous recording, Playback, Search camera, Backup, Motion detection, Multi-language, Alarm triggered FTP, Pre/Post alarm recording, 8CH view system operation / 120fps per VGA: 640x480 high quality / 240 fps per CIF: 320x240 high quality and 240 fps per QCIF (QQVGA) 160x120 high quality
Supported Camera Brand	Axis, Panasonic, Mobotix, Pelco, Sony, or Vivotek Etrovision, Basler, Allnet, & more

Slim380

Features

- 8 Channels for full coverage surveillance
- High Speed Giga LAN interface
- I/O port trigger alarm recording
- File transfer via external USB hard drive (Optional)
- External host application via USB 2.0 interface (Optional)



Specification

Hard Disc	Support 1 x 2.5" SATA HDD factory standard HDD included
Video Channels	Support up to 8 channels
Interface	Giga LAN
Port	8 x RJ-45 port for Network Cameras 1 x RJ-45 port for NVR 2 x USB2.0 port (optional) I/O Port
LED Indicators	8 x Network camera connection status
Power	Secure power-off Switch/Button External power supply 12VDC/5A
Reset	One-touch reset button (reset to manufacture setting)
Operating Environments	Temperature: -20°C to +40°C Humidity: 20% ~ 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 (W x D x H)	152 (W) x 170.2 (D) x 42.5 (H) mm
Hardware Net Weight	880g/ 1.94 lbs (HDD included)
Software AP	MJPEG, MPEG4, and H.264 Complete recording, Timing schedule, System check, Quad mode for simultaneous recording, Playback, Search camera, Backup, Motion detection, Multi-language, Alarm triggered FTP, Pre/ Post alarm recording, 8-Channel View system operation / 120fps per VGA: 640x480 high quality / 240fps per CIF: 320x240 high quality and 240fps per QCIF (QQVGA) 160x120 High Quality
Supported Camera Brand	Axis, Panasonic, Mobotix, Pelco, Sony, or Vivotek Etrovision, Basler, Allnet, & more

NVR

Multimanager

(Centralized Management System) Software

Features

- Centralized Management
- Automatic device discovery
- Location Map controls
- Supports all Plustek NVR models
- Powerful authority group management access
- Auto-cycling control
- Ability to adjust tool bar flexibly
- Backup and export scheduling controls



Specification

Video Display Mode	Web Browser: Single or 4-CH display MultiManager: Single, 4, 8, 16, 64, 128-CH display formats
Network-based Camera Compatibilities	Axis, Panasonic, Mobotix, Pelco, Sony, or Vivotek Etrovision, Basler, Allnet, & more
Video Compression Format Recordings	MJPEG, MPEG4, H.264
Audio Recordings	Yes
Video Settings	Resolution, quality, frame rate, rotating image, color levels, date/time/text overlay/stamp.
Recording Mode	Continuous schedule, alarm/event, motion, manual, and snapshot
Buffer for event video storage	90 seconds per trigger
Recordings Performance	Up to 60 fps / HQ VGA (640 x 480) Up to 120 fps /CIF (320 x 240) Up to 120 fps /QCIF (QQVGA) (160 x 120) *recording performance may vary due to network environments
Data Format	JPEG Snapshots. AVI format for video recordings
Network Camera Management	Automatic detection or manual installation (all configuration can be managed through NVR)
PTZ Controls	Pan/ Tilt / Zoom available
Event Management	Notification using SMTP & FTP
User's Security	Three-tier access protection
System	Linux
Communication Protocol	TCP/IP / HTTP (Web Services) / UPnP (Only for discovering the IGD and open the virtual server) / SNMP (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 Chinese/Traditional Chinese



**Remote Video & Audio
Surveillance at your Fingertips**

Slim240

*Specially design for intersection blazing
temperature and constant vibration for
on-the-road surveillance*

*Extruded aluminum enclosure with advance
antioxidant and anti-corrosion coating*



Web-based viewer
Real-time Remote
Surveillance System



MultiManager
Centralize
Management
System



- Embedded Linux system for faster browsing speed
- Fanless design with lower power consumption that reduces carbon emissions and is environmentally friendly
- Low electric current, reducing internal structure impact
- Lite & Compact! Plug-n-Play!



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