AP-NR5000
Network DVR Server

High-performance Network DVR Server Solution

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AddPac Technology

Sales and Marketing

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- Hardware Specification
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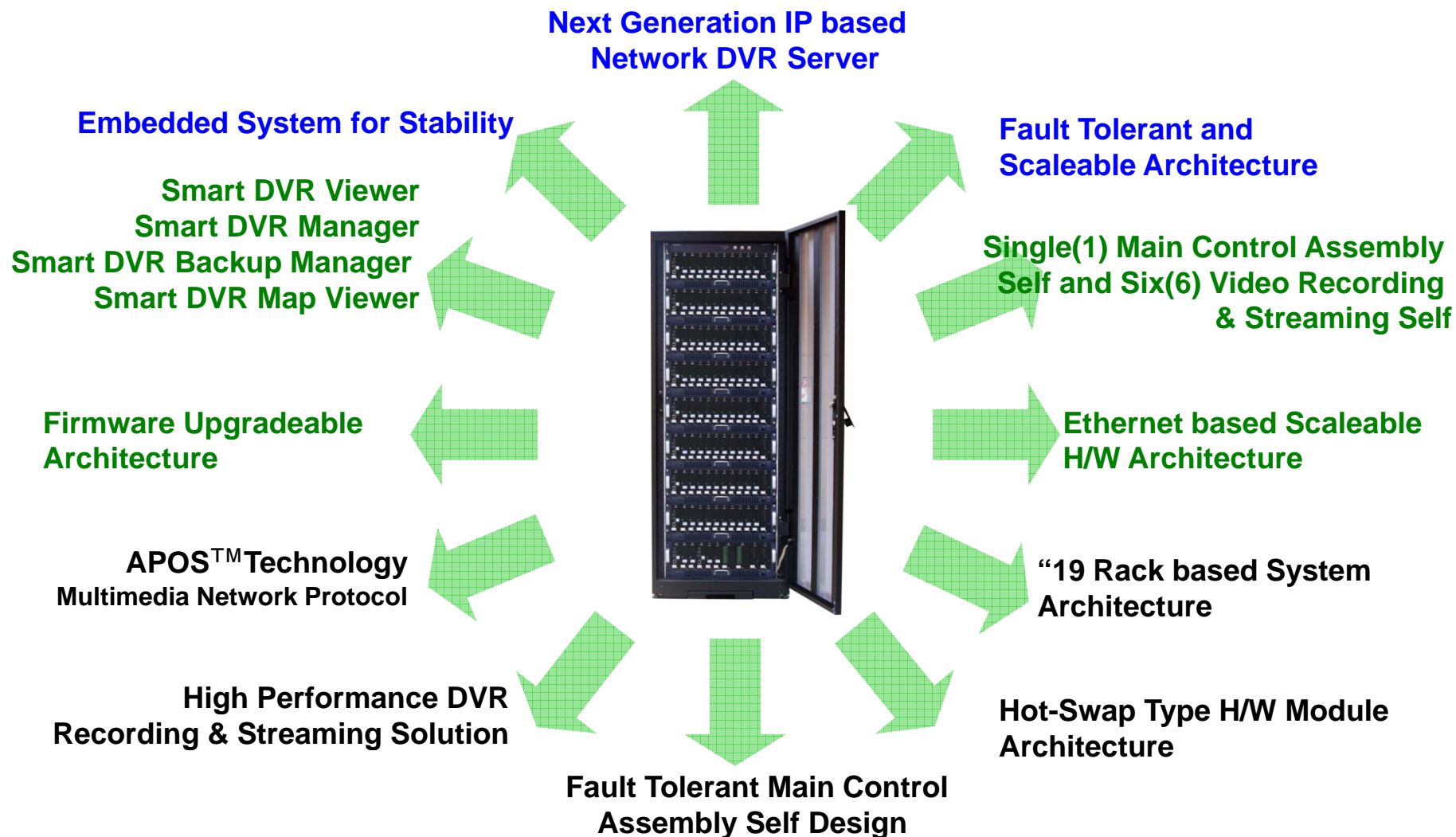- Network Service and Features
- Ordering Information

Product Overview

- IP based Network DVR Server & Manager Server
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Audio and Video Service
- Firmware Upgradeable Architecture
- **Main Control Assembly Self**
  - Two(2) CPU for Redundancy
  - Two(2) Hard Disk per CPU for Redundancy(RAID1 Configuration)
  - Dual Switching Board for Redundancy
  - Dual Power Supply for Redundancy
- **Video Recording/Streaming Assembly Self**
  - High-End RISC Processor with Two(2) Gigabit Ethernet
  - Up to Ten(10) Hard Disk Modules for Video Recording & Streaming
  - 3.5 Inch SATA Hard Disk
- **Up to Eight(8) Video Recording/Streaming Assembly Self**

Product Highlights

AP-NR5000 Network DVR Server

Next Generation IP based Network DVR Server

Embedded System for Stability

Smart DVR Viewer
Smart DVR Manager
Smart DVR Backup Manager
Smart DVR Map Viewer

Firmware Upgradeable Architecture

APOS™ Technology
Multimedia Network Protocol

High Performance DVR Recording & Streaming Solution

Fault Tolerant and Scaleable Architecture

Single(1) Main Control Assembly Self and Six(6) Video Recording & Streaming Self

Ethernet based Scaleable H/W Architecture

"19 Rack based System Architecture

Hot-Swap Type H/W Module Architecture

Fault Tolerant Main Control Assembly Self Design

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Video Recording/Streaming Assembly Self Hardware Specification

64bit
CPU

- RISC Microprocessor Computing Power

- Main Chassis
  - Network Interface
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) RS-232C Console (RJ45)
  - Ten(10) 3.5 Inch SATA Hard Disk Interface Slot
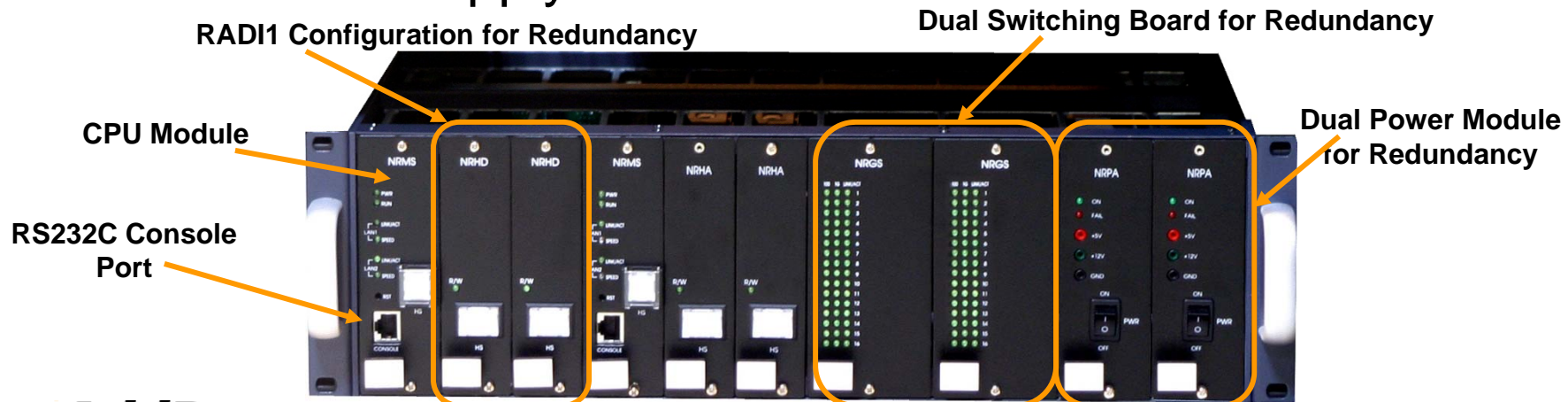 - Single Power Module

Hard Disk Module

Power Module

CPU Module

RS232C Console Port

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Main Control Assembly Self Hardware Specification

- Dual(2) RISC Processor for Redundancy
  - Network Interface per CPU
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) RS-232C Console (RJ45)
  - Two(2) 3.5 Inch SATA Hard Disk(RAID1) per CPU
- Dual(2) Switching Board for Redundancy
  - Two(2) Gigabit Ethernet Port , Sixteen(16) Fast Ethernet Port
- Dual Power Supply Module

RADI1 Configuration for Redundancy

Dual Switching Board for Redundancy

CPU Module

Dual Power Module for Redundancy

RS232C Console Port

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Hardware Specification

AP-NR5000 Network DVR Server

Total Storage Capacity Example
: 80ea x 3Tera = 240 Tera

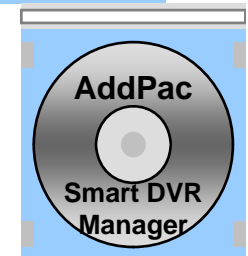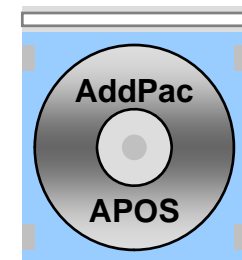Video Recording & Streaming
Assembly Self

Main Control Assembly Self

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Software Service

- **Built-in AddPac APOS Internetworking Software**
  - Scalability, Functionality, and Stability Features
  - Advanced Network DVR Recording & Streaming Features
  - QoS Control Features
- **Firmware Upgradeable Architecture**
- **Industry Standard Network Protocol Features**
- **Highly User Friendly Management Features**
  - PC based Window Program
  - Smart DVR Viewer
  - Smart DVR Manager
  - Smart DVR Backup Manager
  - Smart DVR Map Viewer

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APOS

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Smart DVR Manager

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Network Service and Features

Basic Network Protocols
 - ARP, IPv4, TCP, UDP, ICMP, SCTP, IGMP, MLD

Routing Protocol
 - IPv4 : Static

Service Protocol
 - FTP, Telnet, TFTP, DHCP Server/Relay, SNMP Server
 - CDP (Cisco Discovery Protocol)
 - DNS Resolver , DDNS(nsupdate)
 - Bridge
 - Syslog

IPv4 Address Configuration
 - Fixed (Static)
 - DHCP
 - PPPoE

Miscellaneous
 - Standard & Extended IPv4 Access List
 - Multi-level User Account Management
 - IP accounting

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Smart DVR Viewer

AP-NR5000 Network DVR Server

- Multi-Network DVR Server Support
- PAN/TILT/ZOOM Control, Layout & Screen Mode Change
- Error Concealment Support
- Motion Detection & Tracking
- Multi-Live View, Multi-Recording View, Time Synchronization View
- Fast Search (up to 16 time), Jog Shuttle Slow Motion & Rewind
- Intelligent Search using Motion Detection
- Recording ZOOM View
- Audio/Video(MPEG4) Support.

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Ordering Information

- Network DVR Server AP-NR5000 Hardware
  - AP-NR5000 Main Rack
  - Main Control Assembly Self (Basic)
  - Optional Video Recording/Streaming Self (1~8self)
  - Including Network Cable Set & Power Supply Cable, etc.
- Built-in APOS Internetworking Software for AP-NR5000
- Including 1 Year Hardware Warranty
- Product Documents
  - Install and Operation Guide (PDF)
- Pricing
  - AddPac Technology Regional Sales Manager
  - Authorized Sales and Marketing Representatives
  - Please Contact www.addpac.com

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Thank you!

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