



# AP-NC500 Network Camera

High-performance Network Surveillance Solution



**AddPac**

AddPac Technology

Sales and Marketing

# AP-NC500 Network Camera

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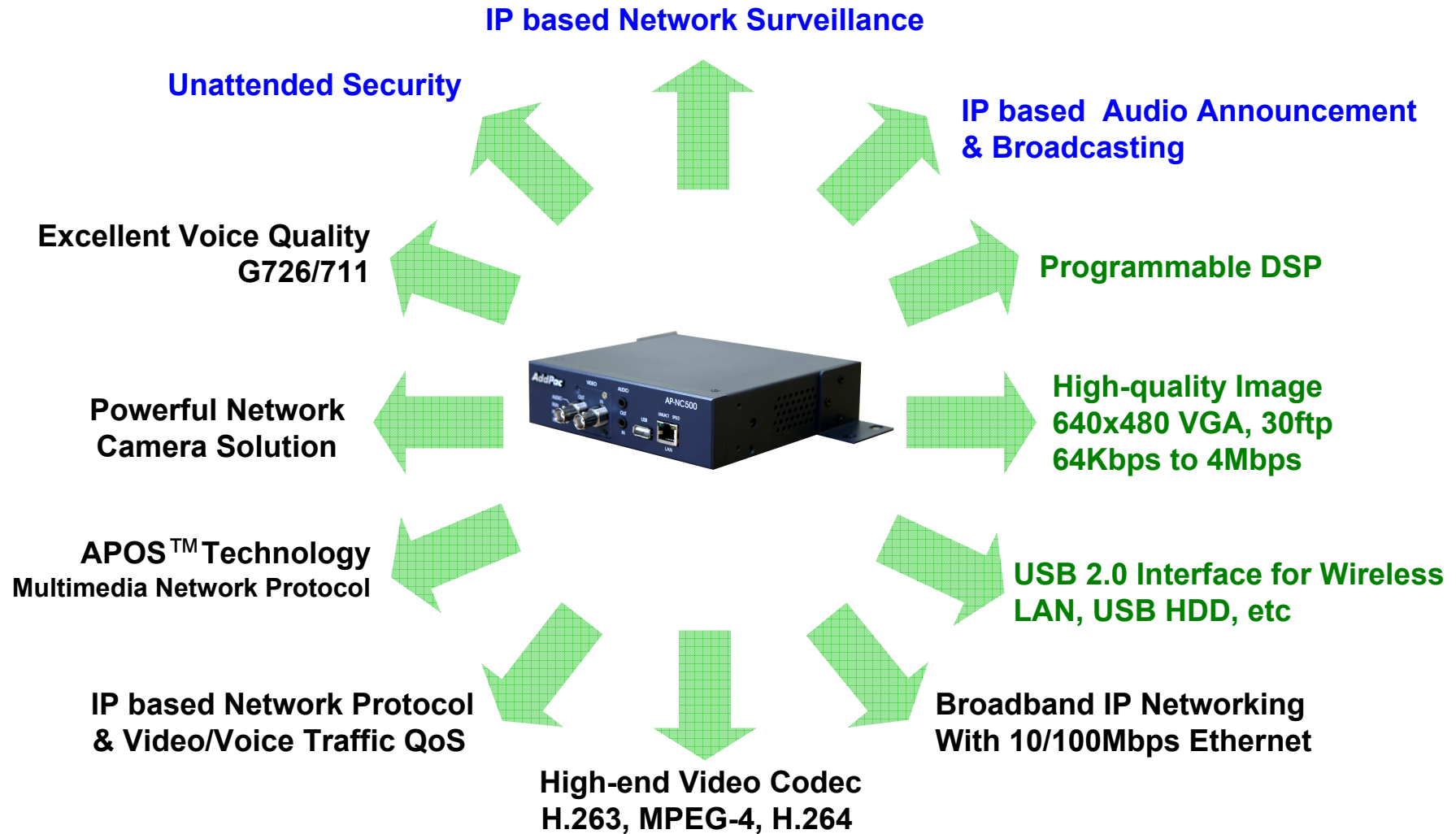
# Product Overview

## AP-NC500 Network Camera

- IP based Audio/Video Encoding/Decoding Solution
- IP based Network Surveillance Solution
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

# Product Highlights

## AP-NC500 Network Camera



# Benefits and Features

## AP-NC500 Network Camera

- **High Quality Images up to 64kbps and 2Mbps**
- **High-performance Audio & Video Codec Support**
  - H.263, MPEG-4, and H.264 Video Codec
  - Line IN/OUT : G.726, G.711 Audio Codec
- **Up to 30 frame/sec, 640 x 480(VGA) Resolution**
- **IP Audio Announcement & Broadcasting**
- **IP based Network Protocol Support**
- **Video Application**
  - Network Surveillance Solution

# Hardware Specification

## AP-NC500 Network Camera

High-end  
DSP

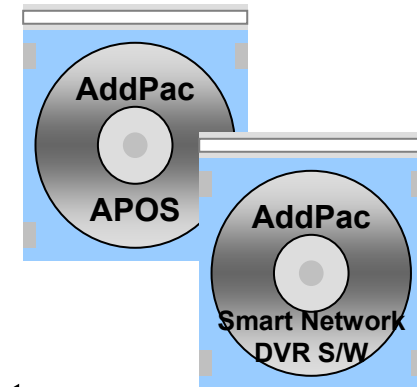
- **High-end Programmable DSP Hardware Architecture**
- **Network Interface**
  - One(1) 10/100Mbps Fast Ethernet
  - One(1) USB 2.0 Interface
- **Powerful Video Interface**
  - BNC Video Input : AP-NC500E Model
  - BNC Video Output : AP-NC500D Model
- **High quality Audio and Voice Interface**
  - Stereo Audio Input/Output Connector
- **Camera Control Interface**
  - One(1) RS-232C, RS422 Interface for External Camera Control
- **I/O Interface**
  - 3 Alarm Input, 1 Relay



# Software Service

## AP-NC500 Network Camera

- **Built-in AddPac APOS Internetworking Software**
  - Scalability, Functionality, and Stability Features
  - Video Traffic QoS Control
- **Programmable Video, Audio, and Voice Services**
  - Video Codes, Audio, and Voice Codec
- **Firmware Upgradeable DSP Architecture**
- **Network Camera Function Support**
- **Industry Standard IP based Network Protocol Features**
- **Smart Network DVR Manager**
  - Server and Client Architecture
  - Network Surveillance & Monitoring, Viewer Control, Storage Management, Login Management, and Remote System Management Support



# Video Service and Features

## AP-NC500 Network Camera

- **Video Networking Interface**
  - Composite (BNC)
- **High-performance Video Codec Support**
  - H.263, MPEG-4, and H.264
- **Powerful Image Resolution Support**
  - QCIF(176x144), CIF(352x288), QVGA(320x240), and VGA(640x480)
- **Up to 30fps at 1Mbps with VGA-Resolution(MPEG-4)**
- **Dual Bit-Stream Support**
  - High Resolution/Low Frame-Rate for Storage
  - Low Resolution/High Frame-Rate for Real-time Display
  - Additional Intelligent Feature
- **64Kbps to 4Mbps Operating Video Traffic Bandwidth**
- **Rate Control for Video Traffic QoS**
  - Ensuring Optimized Quality
  - Frame Rate with Limited Bandwidth
- **High-end Error Resilient Against Various Packet Error**



# Audio & Voice Service and Features

## AP-NC500 Network Camera

- **Audio & Voice Networking Interface**
  - Audio Input/Output Port ( Stereo Female Connector)
- **IP based Audio Announcement & Broadcasting Support**
- **High-performance Audio & Voice Codec Support**
  - Line IN/OUT : G.726, G.711 Audio Codec
- **Enhanced QoS Management Features for Voice Traffics**

# Network Service and Features

## AP-NC500 Network Camera

- **Network Managements**
  - Standard SNMP Agent (MIB v2) Support
  - Remote Management using Console, Telnet
  - Web based Management using HTTP Server Interface
  - Command Line Interface
- **Security Functions**
  - Standard & Extended IP Access List
  - Enable/Disable for Specific Network Protocols
  - Multi-level User Account Management
  - Auto-disconnect for Telnet/Console Sessions
  - PPP User Authentication Supports (PAP & CHAP)
- **Operation & Managements**
  - System Performance Analysis for Process, CPU, Connection Interface
  - Debugging, System Auditing, and Diagnostics Support
  - System Booting and Auto-rebooting with Watchdog Feature
  - System Managements with Data Logging
  - IP Traffic Statistics with Accounting

# Network Service and Features

## AP-NC500 Network Camera

- **Network Managements**
  - DHCP Server & Relay Functions
  - Network Address Translation (NAT) Function
  - Port Address Translation (PAT) Function
  - Transparent Bridging (IEEE Standard) Function
    - Spanning Tree Bridging Protocol Support
    - Remote Bridging Support
    - Concurrent Routing and Bridging Support
  - Cisco Style Command Line Interface (CLI)
  - Network time Protocol (NTP) Support

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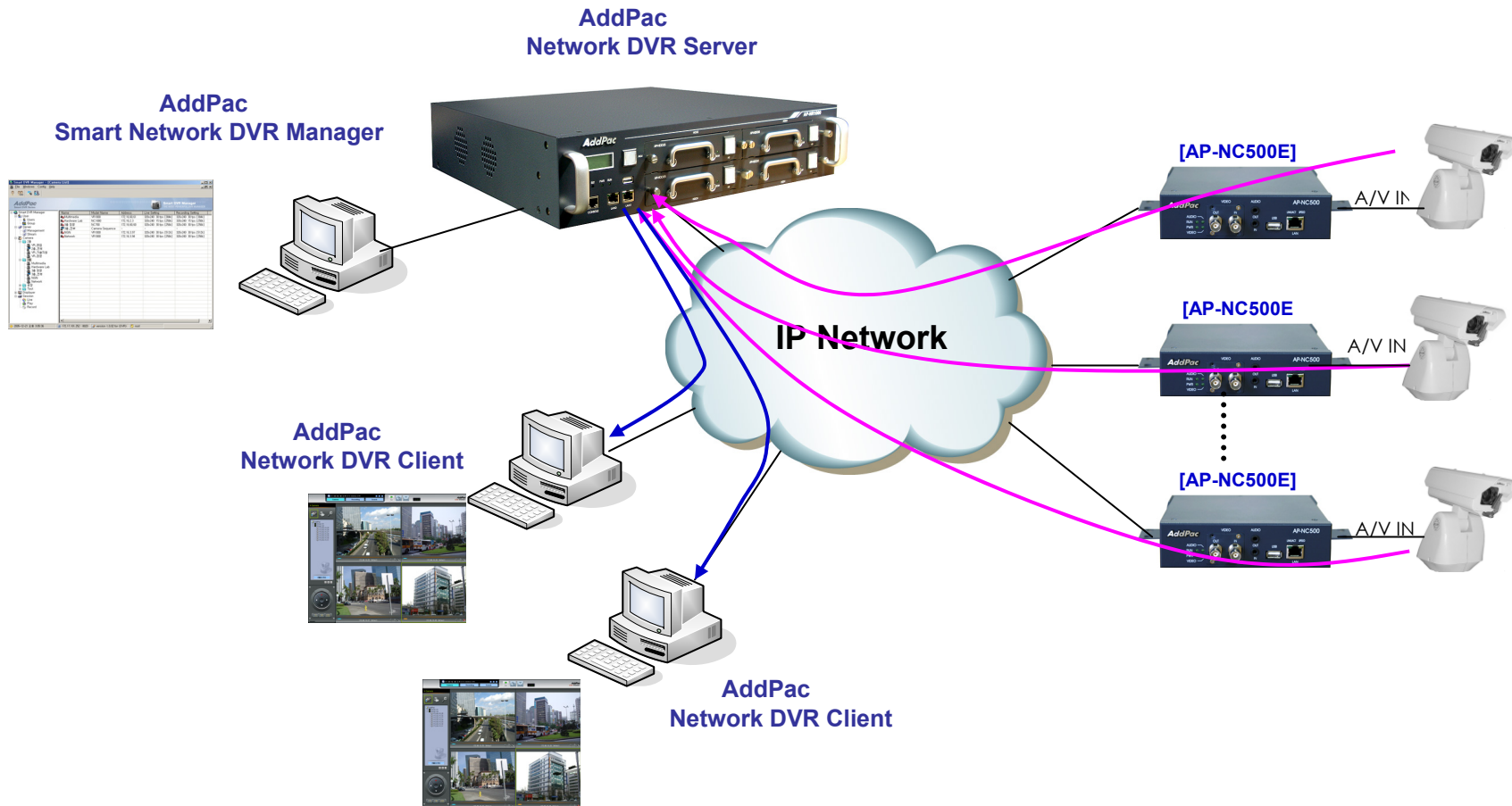
## Application Area

- Network Surveillance
- IP Audio Broadcasting + Network Surveillance
- Video Line Extension



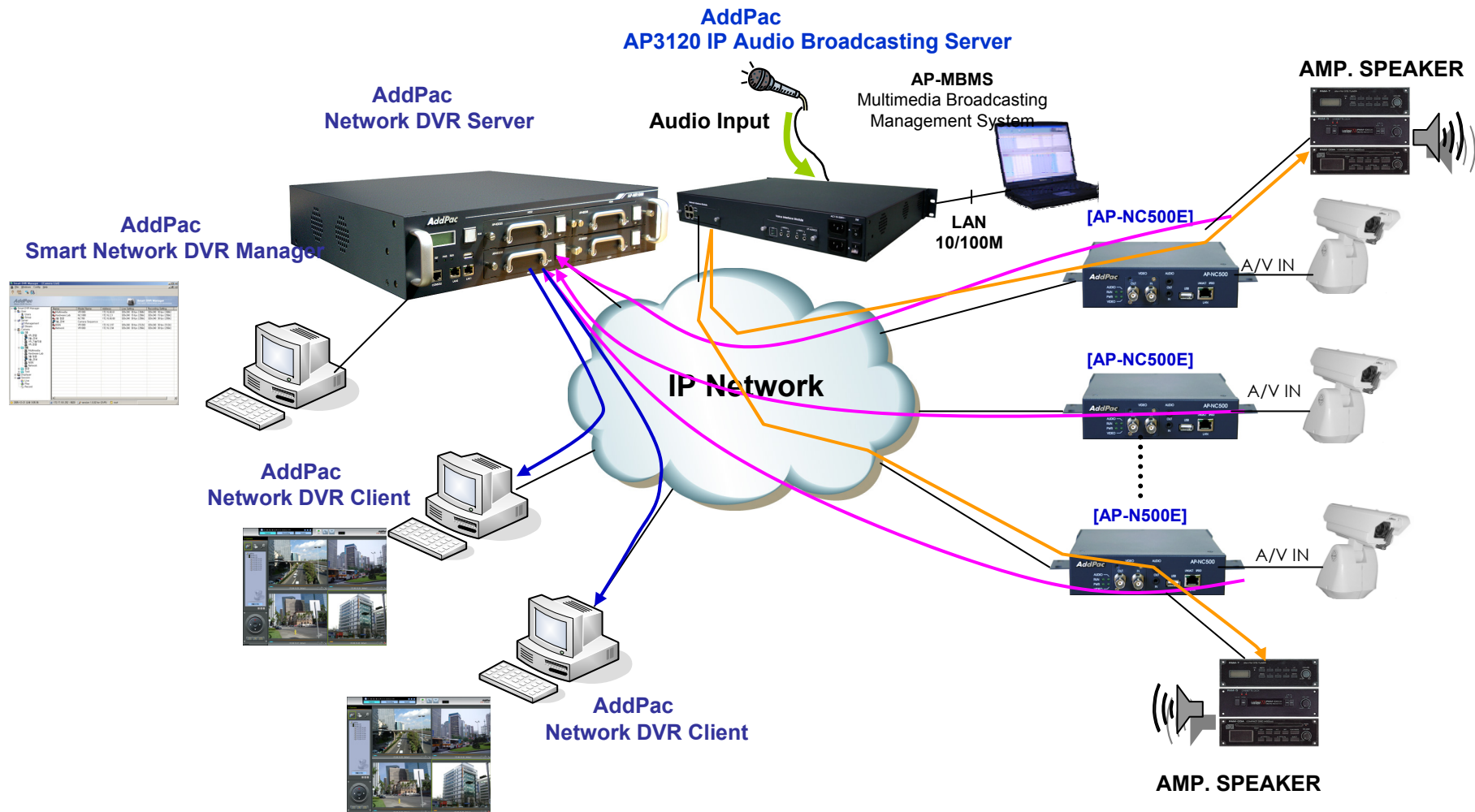
# Network Surveillance

## AP-NC500 Network Camera



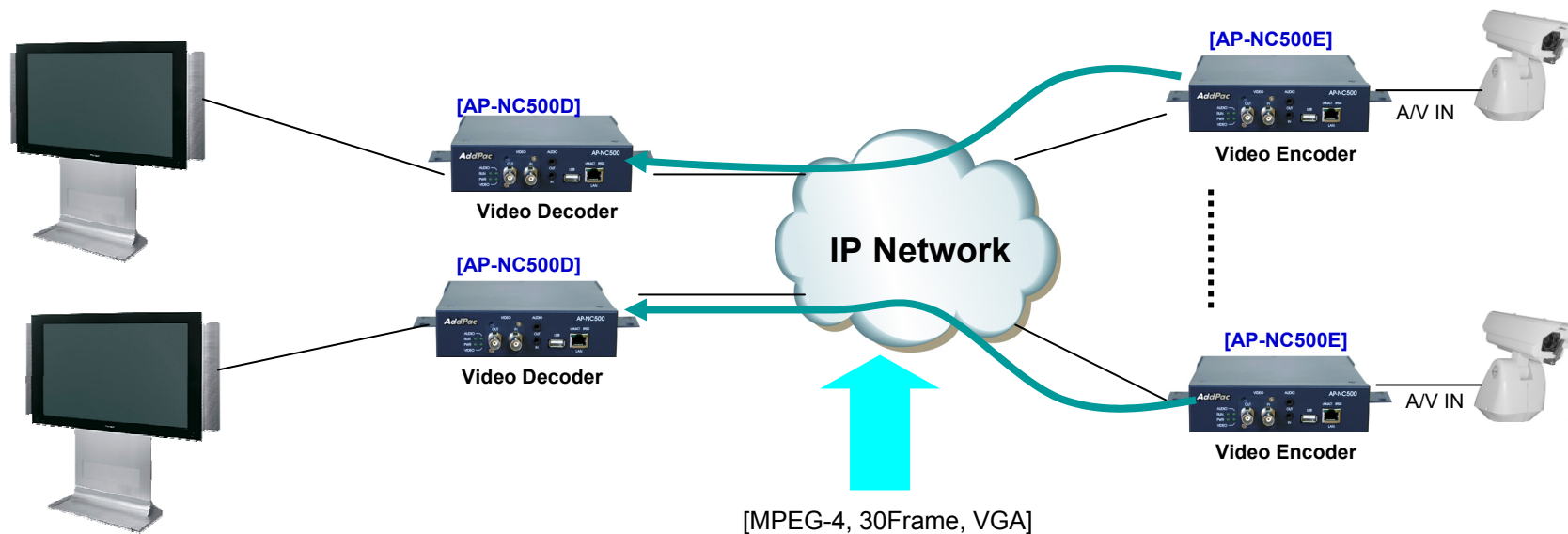
# IP Audio Broadcasting + Network Surveillance

## AP-NC500 Network Camera



# Video Line Extension

## AP-NC500 Network Camera



# Ordering Information

- **AP-NC500 Network Camera Hardware Platform**
  - Programmable RISC + DSP Architecture
  - 1-port 10/100Mbps Fast Ethernet
  - 1-Port USB 2.0 Host Mode Interface
  - One(1) Audio Input/Output Port Interface
  - One(1) RS232, RS422 Interface for External Camera Control
  - Including Network Cable Set & Ext. Power Supply, etc.
- **AP-NC500** : One(1) Video Input + One(1) Video Output Port Interface
- **AP-NC500E** : One(1) Video Input Port Interface
- **AP-NC500D** : One(1) Video Output Port Interface
- **Built-in APOS Internetworking Software for AP-NC500**
- **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](http://www.addpac.com)



# AP-NC500 Network Camera

Thank you!

**AddPac Technology Co., Ltd.**  
Sales and Marketing

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