



AP-MC6000

Full HD Video MCU

High-performance Multipoint Video Mixing Solution



AddPac

AddPac Technology

Sales and Marketing

Contents

- Product Overview
- Hardware Specification
- Software Service
- Video Service and Features
- Audio Service and Features
- Network Service and Features
- Conference Service and Features
- Application Area
- Ordering Information

Product Overview

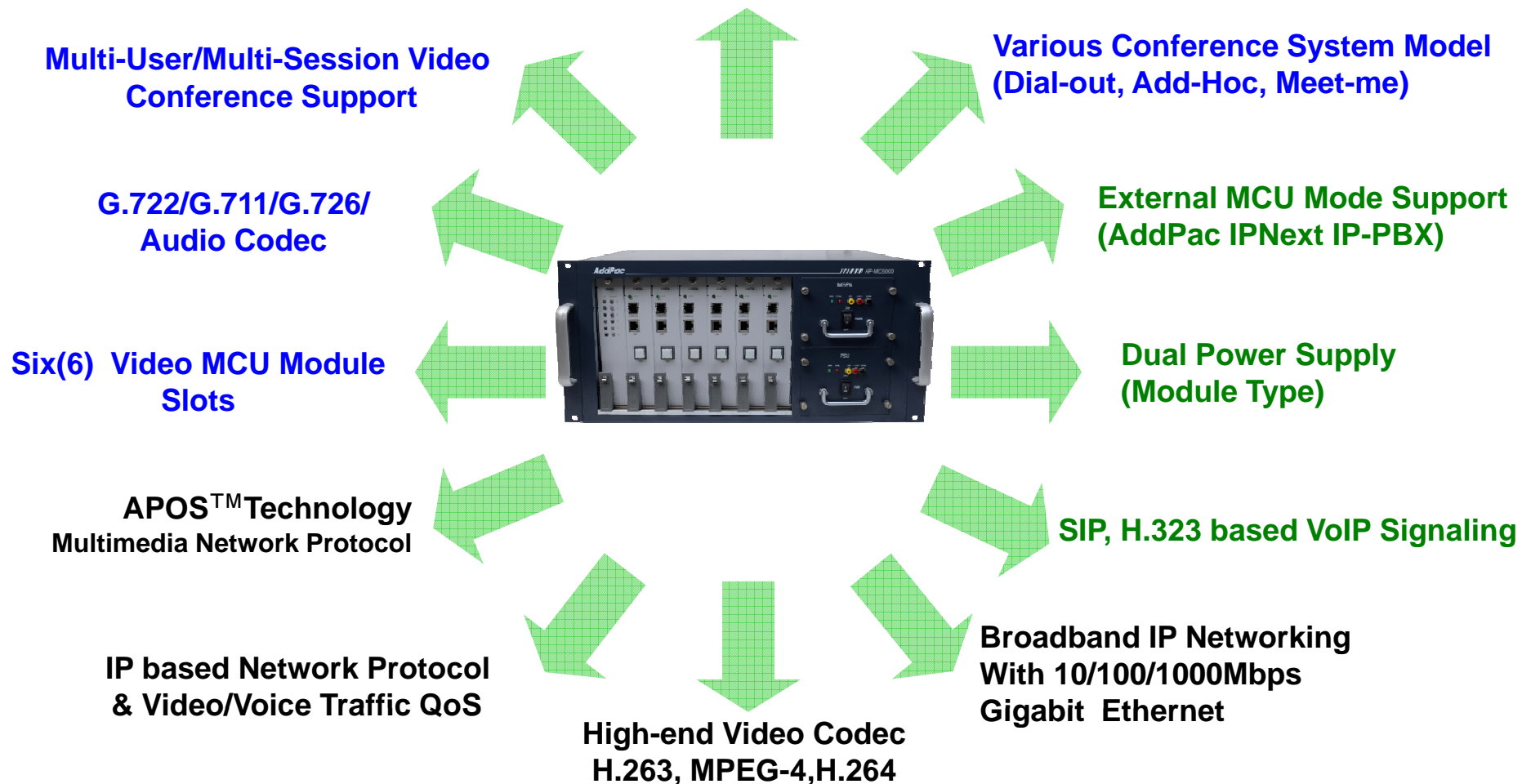
AP-MC6000 Full HD Video MCU

- IP based Multipoint Audio/Video Mixing Solution
- Support Various Conference System Model
- Scalability and Flexibility
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Product Highlights

AP-MC6000 Full HD Video MCU

IP based Full HD Multipoint Audio/Video Mixing Solution



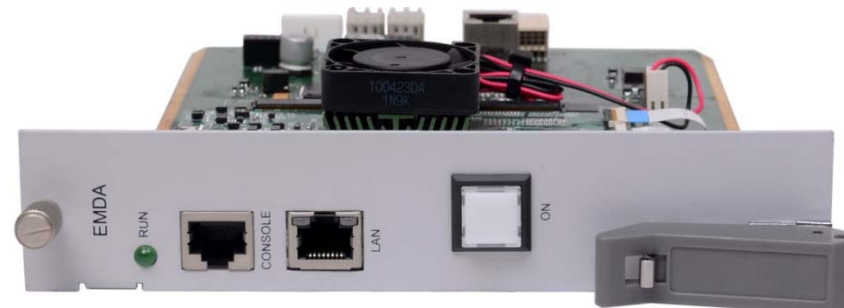
AddPac

www.addpac.com

Hardware Specification

AP-MC6000 Full HD Video MCU

- **High Performance Computing Power**
- **Programmable DSP Hardware Architecture**
- **Main Chassis**
 - **Six(6) Module Slots for Video MCU Module**
 - **DSP based MCU Module**
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)
 - On AIR Blue LAMP
 - **Dual Power Supply (Module Type)**



Hardware Specification

AP-MC6000 Full HD Video MCU

Front Side

RS232C Console Interface

Video MCU Module

Gigabit Switch Module for future use (option)

Gigabit Ethernet Interface LAN

Blue LAMP

Dual Power Supply



Hardware Specification

AP-MC6000 Full HD Video MCU

Back Side



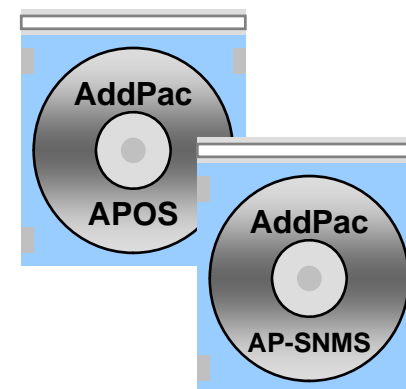
Power Input

FAN

Software Service

AP-MC6000 Full HD Video MCU

- **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 Architecture**
- **Function Support**
- **Industry Standard IP based Network Protocol Features**
- **SIP, H.323 VoIP Signaling Support**



Video Service and Features

AP-MC6000 Full HD Video MCU

- **High-performance Video Codec Support**
 - H.263, MPEG-4, H.264
- **Powerful Image Resolution Support**
 - QCIF(176x144), CIF(352x288), QVGA(320x240), and VGA(640x480), HD (1280x720), Full HD (1920x1080), etc
- **Up to 30fps/60fps with Full HD -Resolution(H.264)**
- **256Kbps to 15Mbps Operating Video Traffic Bandwidth**
- **Various Conference Layout**
- **Multi-Session/Multi-Party Support**
- **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-MC6000 Full HD Video MCU

- **VoIP based Signaling Protocol Support**
 - SIP, H.323 based VoIP Signaling Protocol Stack
- **High-performance Audio & Voice Codec Support**
 - G.722, G.711, G.726, etc, Audio Codec
- **Enhanced QoS Management Features for Voice Traffics**

Network Service and Features (cont..)

AP-MC6000 Full HD Video MCU

- **Network Managements**
 - SNMPv2/SNMPv3 Support
 - Standard & Enterprise SNMP MIB Support
 - Web Based Management using HTTP/HTTPS
 - Console / Telnet / Rlogin / SSH Interface
- **Security Functions**
 - Standard & Extended IP Access List
 - HTTPS / SSH Interface
 - Auto-disconnect Telnet/Console Session
 - Access Control for Local Service (FTP/Telnet/HTTP.)
 - Enable/Disable Network Services
 - Multi-Level User Account Management

Network Service and Features

AP-MC6000 Full HD Video MCU

- **Operation & Managements**

- Configuration Backup & Restore for APOS Managements
- Use Multiple APOS™ and Configuration
- Auto Upgrade via HTTP/HTTPS
- Debugging, System Auditing, and Diagnostics Support
- FTP/TFTP/Telnet/SSH Server and Client
- HTTP Server
- RADIUS Authentication / Account

- **Other Scalability Features**

- Network time Protocol(NTP) Support
- Cisco Style Command Line Interface (CLI)
- DHCP Server & Relay Functions
- DNS Server

Conference Service and Features (cont..)

AP-MC6000 Full HD Video MCU

- Type of Conference
 - Meet-Me (Dial-In) Conference
 - Require that a *range of directory numbers* be allocated for exclusive use of the conference
 - Ad Hoc (On-Demand) Conference
 - using Conference and Join soft key
 - Scheduled Conference
 - Through compatible third-party scheduling applications
- View Mode Configuration

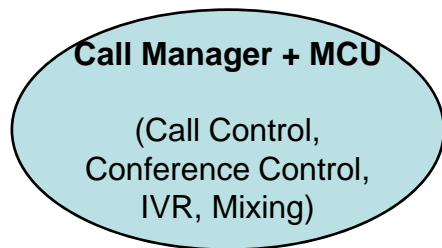
Conference Service and Features (cont..)

AP-MC6000 Full HD Video MCU

Conference System Model

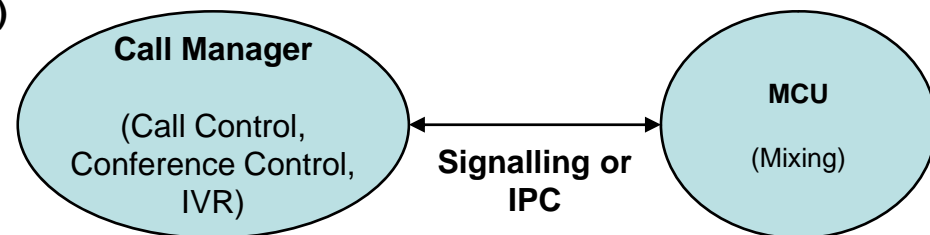
Call Manager controlled conference

(1)



MCU Integrated

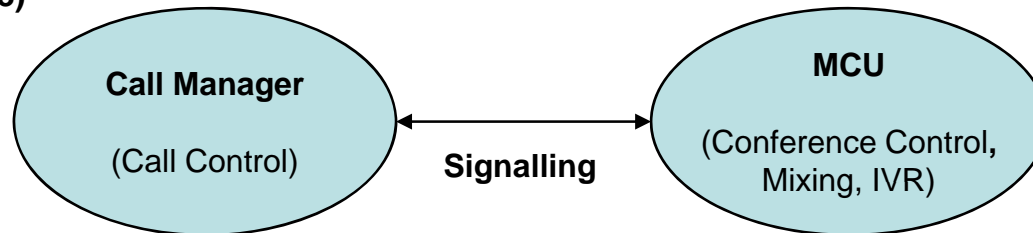
(2)



Using MCU as a Resource

Interoperate with Stand-alone MCU

(3)

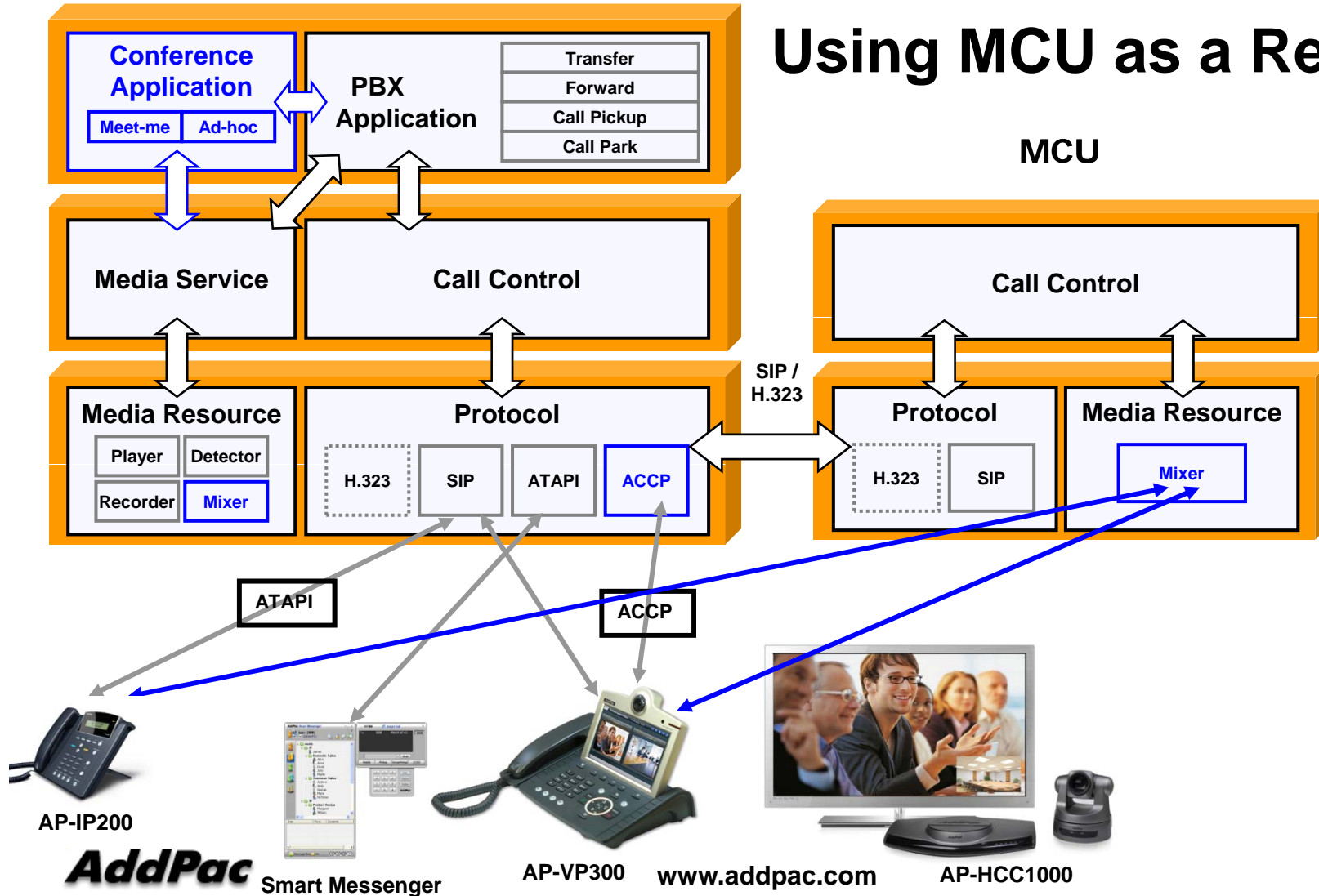


Conference Service and Features (cont..)

AP-MC6000 Full HD Video MCU

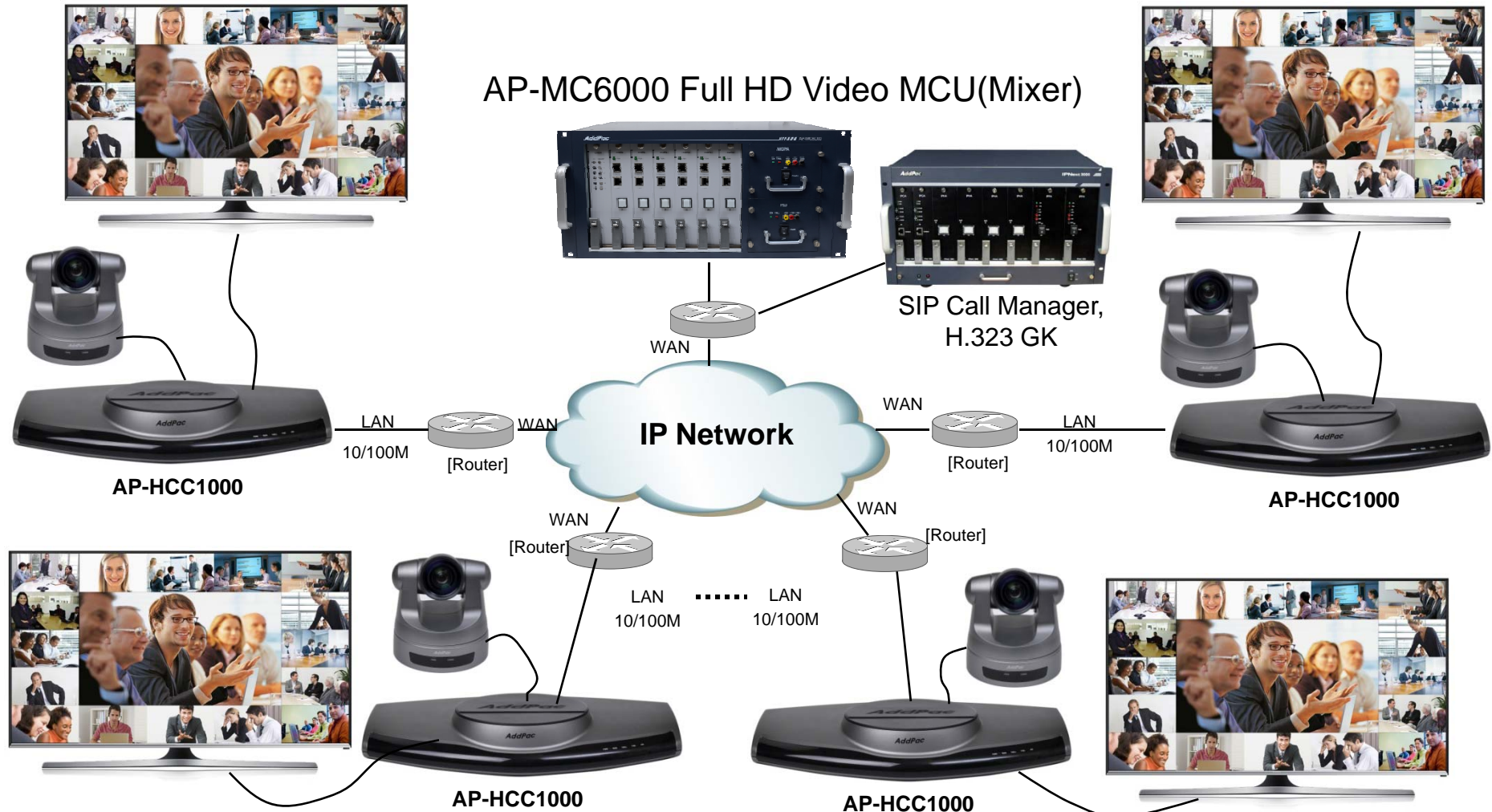
Call Manager

Using MCU as a Resource



AP-MC6000 Full HD Video MCU

Network Diagram for Video Conference



Ordering Information

- **AP-MC6000 Full HD Video MCU Hardware**
 - AP-MC6000 Video MCU Main Body
 - Six(6) Video MCU Module Slots for Scalability
 - Dual Power Supply (Module Type)
 - Including Network Cable Set
- **Built-in APOS Internetworking Software for AP-MC6000**
- **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



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com