

### General Hardware Specifications

|                                |   |
|--------------------------------|---|
| <b>Main Chassis</b>            | Embedded Hardware Chassis   |
| <b>CPU</b>                     | High Performance RISC Integrated Processor  |
| <b>DSP</b>                     | High Performance DSP (Digital Signal Processor)                                   |
| <b>Memory</b>                  | 512KB Boot Memory<br>8MB System Memory (Flash Memory)<br>64MB Main Memory (SDRAM) |
| <b>Network Interface</b>       | 2-ports 10/100Mbps Ethernet (LAN 0, LAN 1)  |
| <b>PSTN Interface (option)</b> | 1-port PSTN/FXO Voice Interface   |
| <b>USB Interface</b>           | 1-port USB Interface (USB 1.1 Host Mode)  |
| <b>Operation Environment</b>   | Temperature 0°C ~ +45°C (operating), -40°C ~ +85°C (storage), Humidity 5% ~ 95%   |
| <b>Power Supply</b>            | AC110~220VAC 50/60Hz Free Voltage, 5V 3Amp.                                       |
| <b>Demension</b>               | 185mm x 230mm x 215mm (H x W x D), 1.2Kg  |

### Audio/Video Hardware Specifications

|                              |   |
|------------------------------|---|
| <b>Color TFT LCD</b>         | Built-in 4.3" Color TFT LCD   |
| <b>Audio/Video Interface</b> | 1-CH Composite RCA Video Output<br>1-CH Composite RCA Video Input<br>1-CH S-Video Output<br>1-CH 3.5mm Audio Input<br>1-CH 3.5mm Audio Output                     |
| <b>Color Video Camera</b>    | Built-in 1/4" CCD Color Camera<br>330 TV Line Resolution<br>510(H) x 492(V) NTSC Picture Elements<br>1/60s ~ 1/1000,000s NTSC Electronic Iris<br>3.7mm Board Lens |
| <b>Microphone</b>            | Built-in Internal Microphone  |

### Audio Service and Signaling Protocol Features

|                                |  |
|--------------------------------|--|
| <b>Voice and Audio Codec</b>   | G.711, G.723.1, G.726, G.729 and G.722.2   |
| <b>VoIP Signaling Protocol</b> | SIP/H.323 VoIP Signaling Protocol (Dual Stack)<br>ITU-T H.323 Gateway, Gatekeeper Support<br>SIP Proxy Server Interoperability |
| <b>Echo Cancellation</b>       | G.165 and G.168 Compliant  |
| <b>Voice Processing</b>        | VAD, CNG, Dynamic Jitter Buffer Operation  |
| <b>DTMF</b>                    | Detection and Generation, RFC 2833 Compliant   |
| <b>Telephone Features</b>      | On-screen Dial Pad, Caller ID & Hold   |
| <b>Voice QoS</b>               | Enhanced QoS Management for Voice Traffic  |

### Video Services and Features

|                                     |   |
|-------------------------------------|---|
| <b>Video Codec</b>                  | MPEG4, H.263, JPEG, and H.264 (MPEG4 part 10)   |
| <b>Resolution</b>                   | QCIF(176x144), CIF(352x288), QVGA(320x240), WQVGA   |
| <b>Frame Rate</b>                   | Up to 30fps with VGA-Resolution (MPEG-4)  |
| <b>Operating Bandwidth</b>          | 64Kbps ~ 4Mbps  |
| <b>Video Service</b>                | Compatibility with AddPac MCU with Video Mixing, Meet-Me, Add-Hoc, Dial-Out Conferencing Signaling Support, and Control by GUI based Smart Multi-media Manager (SMM) Software                                       |
| <b>Dual Operation Features</b>      | Dual Monitor with Independent Display and Emulation   |
| <b>Video QoS Features</b>           | Enhanced QoS Management for Video Traffic<br>High-end Error Resilience Support on IP Network<br>Rate Control for Best Video Quality<br>Frame Rate Control at a Limited Bandwidth<br>Video Error Concealment Service |
| <b>Video Codec Interoperability</b> | Polycom, Tandberg, and Sony Video Conferencing Products with Standard H.323, MPEG4 based Video Codec, and so on   |
| <b>Control and Setting</b>          | OSD (On Screen Display) and Remote Commander  |
| <b>Major Video Application</b>      | Voice and Video Telephony, Video Conferencing, Audio/Video Broadcasting, VoD Service, etc.  |

### WAN, LAN, IP Services and Other Features

|                                   |   |
|-----------------------------------|---|
| <b>WAN Protocol</b>               | Point-to-Point Protocol (PPPoE) for ADSL  |
| <b>IP Routing</b>                 | IPv4 and IPv6 Dual Stack Routing, Static and IEEE 802.1Q VLAN Routing, various IP Routing Support   |
| <b>Network Management</b>         | Standard SNMP Agent (MIB v2) Support, Console, Telnet, Web Based Management, Remote Firmware (APOS) Upgrade via FTP/TFTP Support  |
| <b>Security Features</b>          | IP Packet Filtering, Access List, Access Control and Data Protections, Enable/Disable for Specific-Protocols Multi-level User Account Management  |
| <b>Operation &amp; Management</b> | Configuration Backup and Restore for APOS Management, Debugging and Diagnosis Features, System Booting/Rebooting through Watch-Dog, etc.  |
| <b>Other Features</b>             | DHCP Server and Relay, Network Address Translation (NAT), Port Address Translation (PAT), IEEE Standard Transparent Bridging, CLI, Load Balancing, DNS Proxy, UPnP, MAC Address Filter Service etc. |

### A / V & Network Interface of AP-VP150

