

AP-VWP100

IP Video Wall PAD

High Performance IP Video Wall PAD Solution

White Color Design



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

Contents

- Product Overview
- Product Highlights
- Hardware Specification
- Software Service
- Video Service & Features
- Audio & Voice Service and Features
- OSD Software Features
- Smart Web Manager
- Application Area
- Ordering Information



Product Overview

AP-VWP100 IP Video Wall PAD

- High Performance IP Video Wall PAD Solution
- TFT Color LCD, Touch Screen, Touch Sensor, Internal MIC & Speaker
- High Quality “7 Inch LCD, 800x480 Video Resolution
- SIP VoIP Signaling Stack Embedded (Optional H.323)
- High-performance Video/Voice Codec Support
 - H.264/MPEG4/H.263, G.711, etc
- One(1) 10/100Mbps Fast Ethernet
- High Quality Speaker Phone Features
- PSTN with CID Interface Support (Option)
- Power Acoustic Echo Canceller (Option)
- Internal SMPS Power Support (Option)
- Video Camera Sensor (Option)
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Firmware Upgradeable Architecture
- Advanced Voice QoS Mechanism

Hardware Specification

AP-VWP100 IP Video Wall PAD

RISC
CPU

High-end
DSP

- RISC+DSP Microprocessor Computing Power
- Audio and Voice Interface
 - Internal MIC
 - Internal Speaker
- Video Camera Interface (Option)
- TFT Color LCD Interface with Touch Screen
 - 7 Inch LCD, 800 x 480, D1 Video Resolution
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet
- PSTN Interface with CID (Caller ID Detection)
- Powerful Acoustic Echo Canceller (Option)
 - Half Duplex (Default)
 - Full Duplex, Powerful Acoustic Echo Canceller (Option)
- Wall Mount
- Power Supply
 - Internal SMPS Power (Option)
 - External Power Supply Adaptor (Default)

Hardware Specification

AP-VWP100 IP Video Wall PAD

RISC
CPU

High-end
DSP

- **Acoustic Echo Canceller (Option)**
 - Full-duplex operation during double-talk situations
 - One channel AEC, one channel LEC up to 256ms shared
 - Cancels echoes with up to 10dB echo return
 - Advanced noise reduction(up to 20dB)
- **Speaker**
 - Impedance : 8 +/-15%ohm at 1kHz, 1.0 Vrms
 - Sound Pressure : 90 +/- 3dB at 0.1W/10 CM
at 800Hz, 1.0kHz, 1.2kHz, 1.5kHz
 - Resonance Level : 550Hz +/- 20%Hz at Fo Hz, 1.0Vrms
 - Frequency Range : Fo Hz ~20kHz
 - Input Power : Normal : 1.0 W, Max : 2.0W
- **Audio Amplifier**
 - 1-W BTL Output(5V, 0.11 % THD+N)
 - Uncompensated Gains of 2 to 20 (BTL Mode)
 - Thermal and Shot-circuit Protection
 - High Supply Ripple Rejection Ratio

Hardware Specification

AP-VWP100 IP Video Wall PAD

RISC
CPU

High-end
DSP

- **LCD Controller**
 - One-Chip Solution for amorphous TFT-LCD
 - Support resolution up to 480xRGBx640
 - Built-in 172800 bytes internal RAM
 - 6,8,16, and 18-bit RGB Interface
 - Resize Function (x ½, x ¼)
 - On-Chip Power Management System
- **Video Camera (Option)**
 - High Sensitivity for low-light operation
 - Output support for Raw RGB, RGB, and YCrCb format
 - Image Size : VGA, QVGA, and any size scaling down from CIF to 40x30
 - Support AEC, AGC,AWB, ABF, ABLC
 - Saturation Level, Edge Enhancement Level, De-noise level Auto adjust

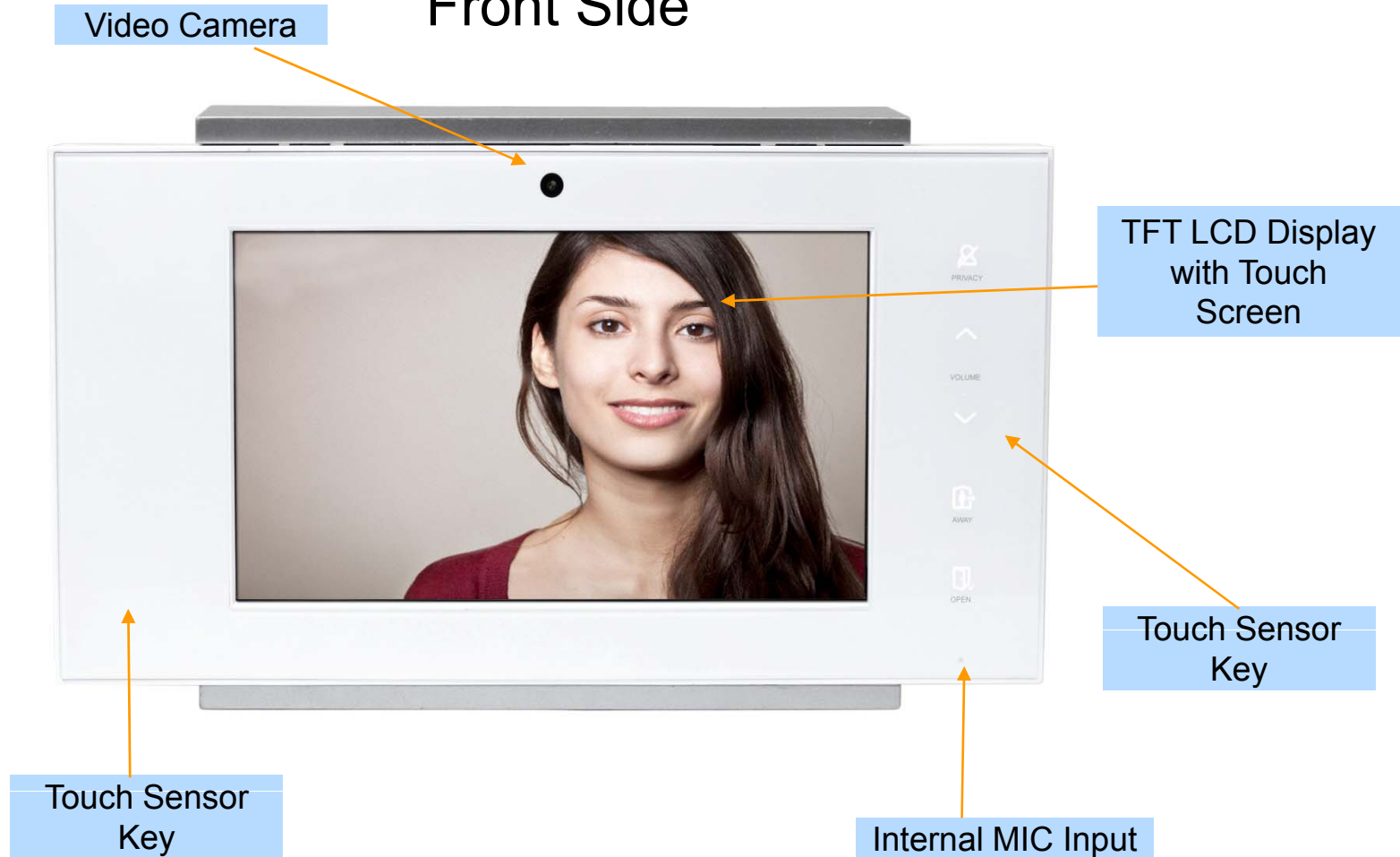
Hardware Specification

AP-VWP100 IP Video Wall PAD

RISC
CPU

High-end
DSP

Front Side



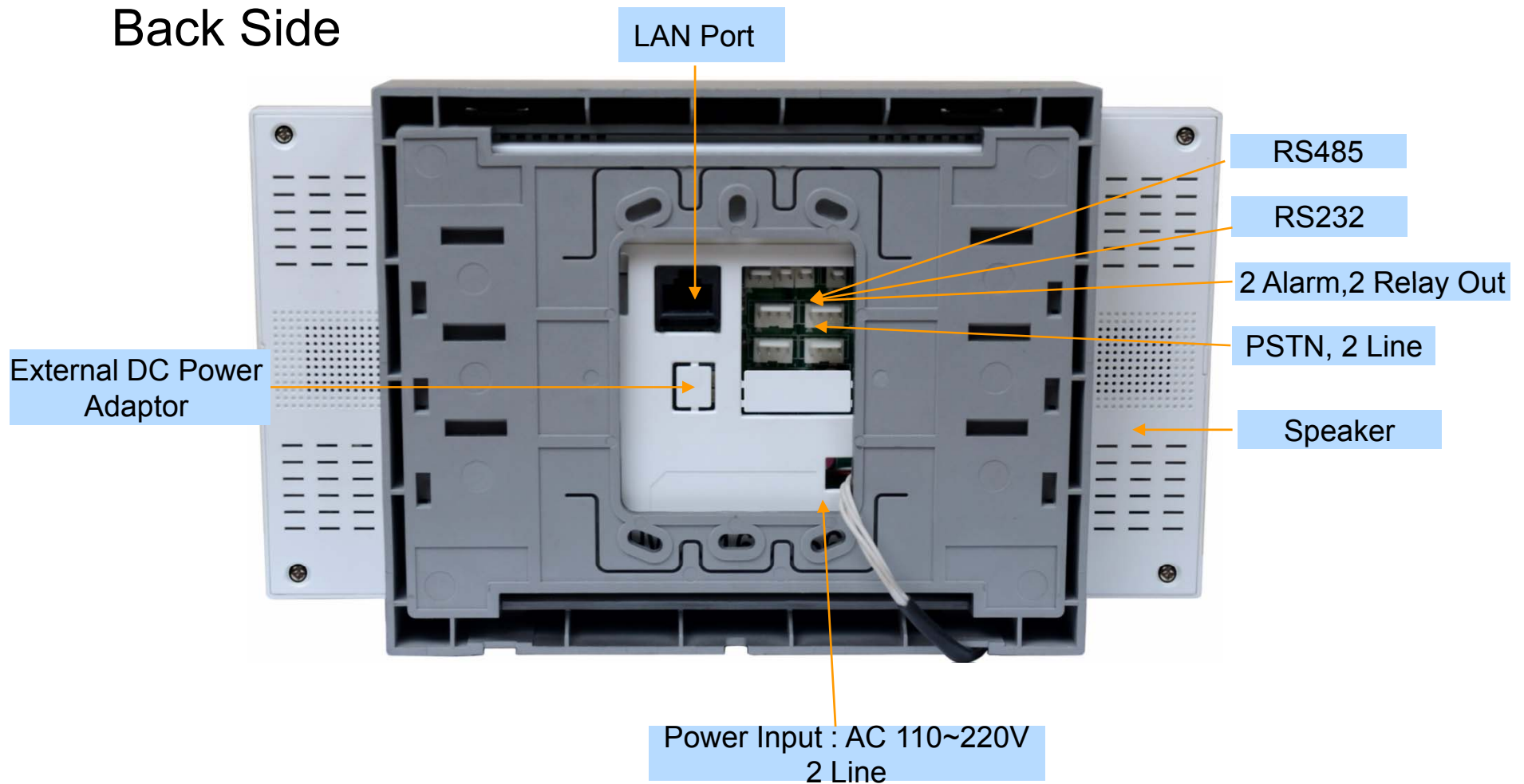
Hardware Specification

AP-VWP100 IP Video Wall PAD

RISC
CPU

High-end
DSP

Back Side



Ordering Information

- **AP-VWP100 IP Video Wall PAD Hardware**
 - AP-VWP100 IP Video Wall PAD Main Body
 - RISC Microprocessor with High-end Programmable DSP Architecture
 - 7 Inch LCD with Touch Screen Features
 - Internal MIC, Internal Speaker
 - 1-ports 10/100Mbps Fast Ethernet
 - Including Network Cable Set & External Power Supply Adaptor, etc.
- **Built-in APOS Internetworking Software for AP-VWP100**
- **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