



# AP-VP120™

## BcN Video Phone

High Performance Broadband Convergence Network  
Video Phone Solution

## Wireless LAN Features



**USB WiFi LAN**

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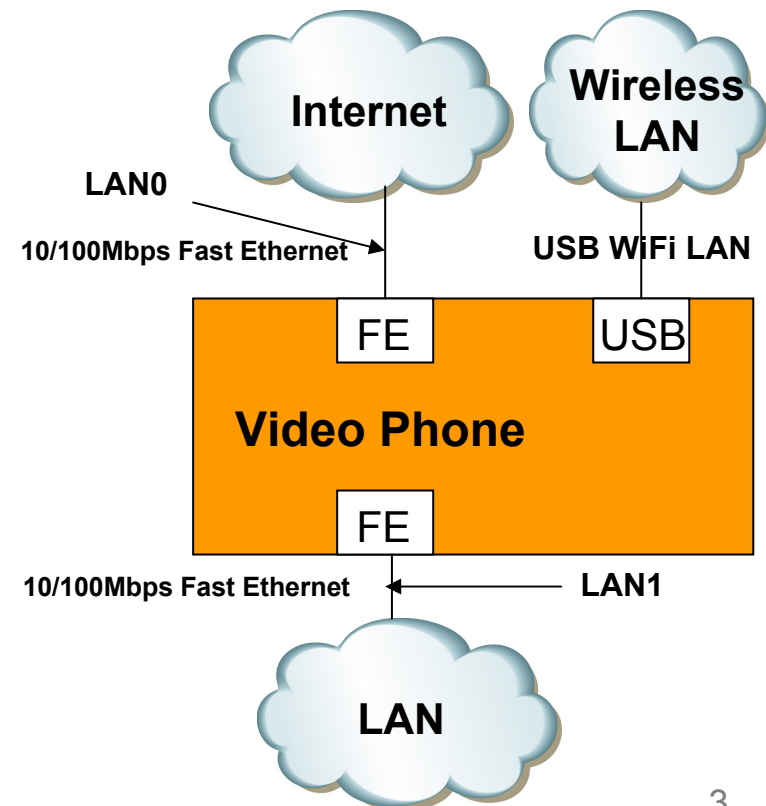
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# AP-VP120 H/W Specification

- **RISC+DSP (Audio Codec) Microprocessor Computing Power (Dual Processor Architecture)**
- **Powerful DSP for Video Signal Processing**
- **Dual Monitor Emulation for Document Share, Broadcasting, VoD Application, etc.**
- **High Quality CMOS Camera**
- **4.3 Inch LCD Monitor**
- **High quality Audio and Video Interface**
  - RCA, S-Video Video Out, RCA Video In
  - 3.5mm Audio In/Out
- **USB 1.1 Host Mode Interface**
- **Network Interface**
  - Two(2) 10/100Mbps Fast Ethernet
- **Power Supply**
  - External Power Adaptor (5V, 3A)



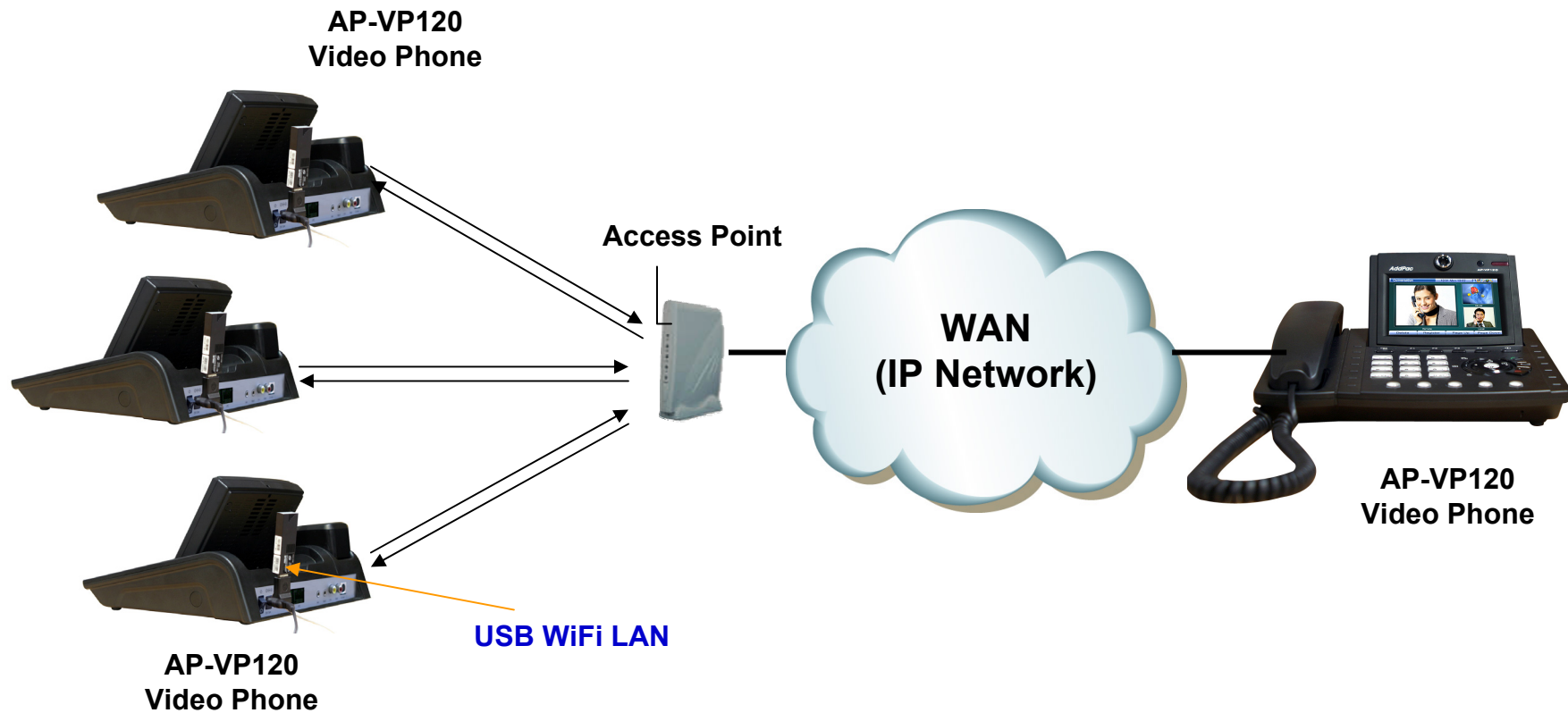
# Wireless LAN Specification

AP-VP120 IP Video Phone

- **IEEE 802.11b/g Support**
  - BSS(Base Service Set. Infra-structure)
  - IBSS(Independent BSS. ad-hoc)
  - Authentication/Security Mode
    - Current : Open/None, Open/WEP(40B/104B)
    - Developing : WPAPSK/AES
- **Chipset Support**
  - Chipset : ralinktech RT2570 USB
  - USB Devices : ASUS WL-167g, D-Link DWL-G122

# BSS Network Diagram

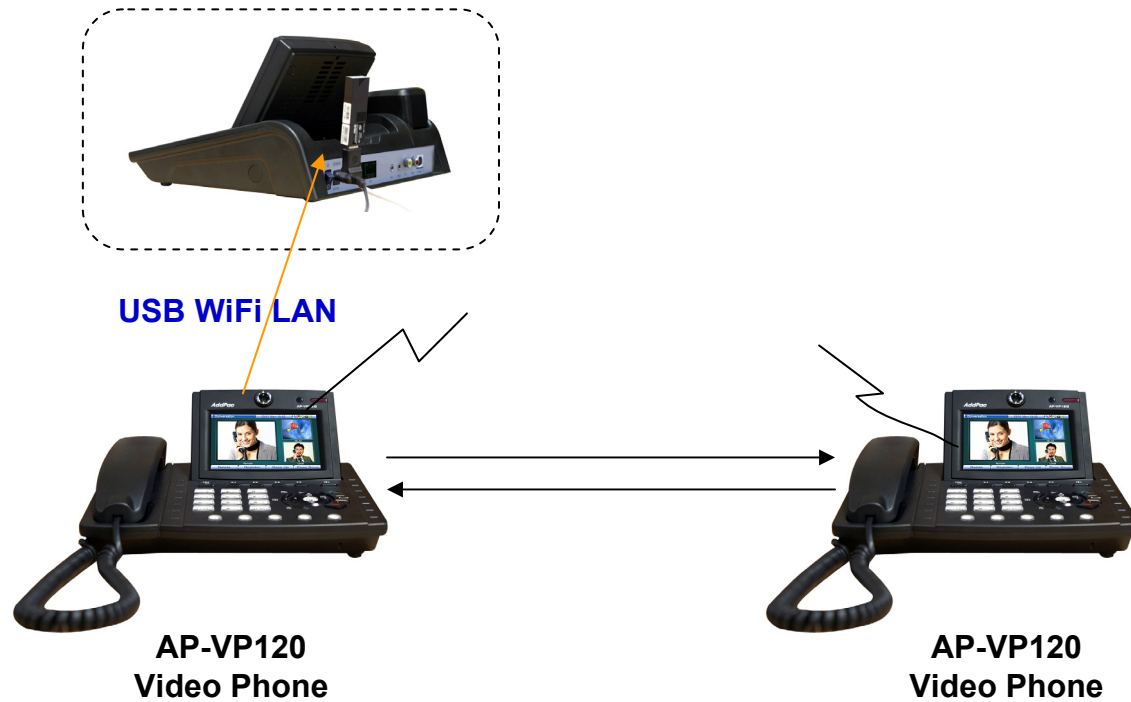
AP-VP120 IP Video Phone



**BSS (Base Station Set) Configuration**

# IBSS Network Diagram

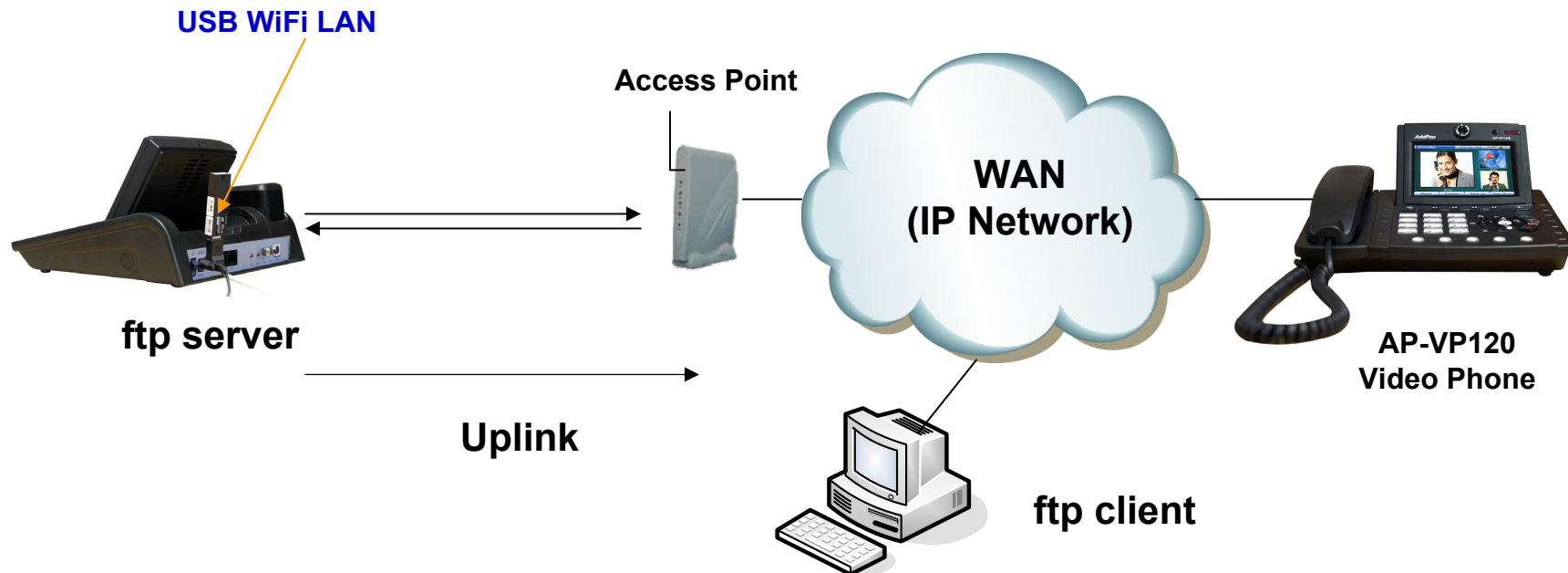
AP-VP120 IP Video Phone



**IBSS (Independent Base Station Set) Configuration**

# Performance Estimation

## AP-VP120 IP Video Phone



Video Communication : bidirectional 2Mbps

Data throughput : ftp get 330 ~ 450kB/s, put 330kB/s



# Thank you!

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