

# AddPac IP Video Door Phone Solution

Full Duplex AEC Service



***AddPac***

**AddPac Technology**

Sales and Marketing

[www.addpac.com](http://www.addpac.com)

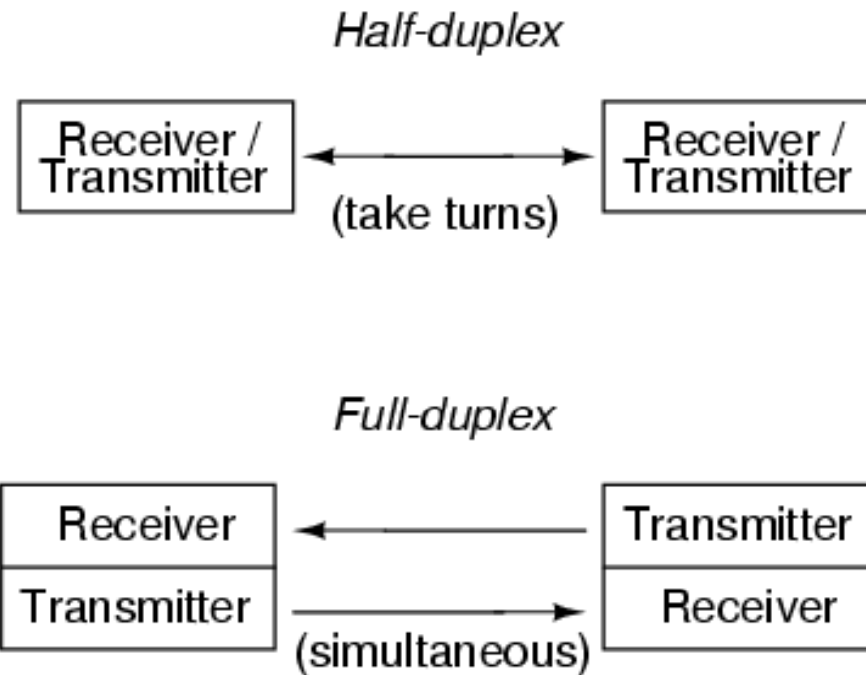
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- Difference between Half Duplex and Full Duplex
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Full Duplex Two-Way Communication  
by using AEC (acoustic echo canceller)

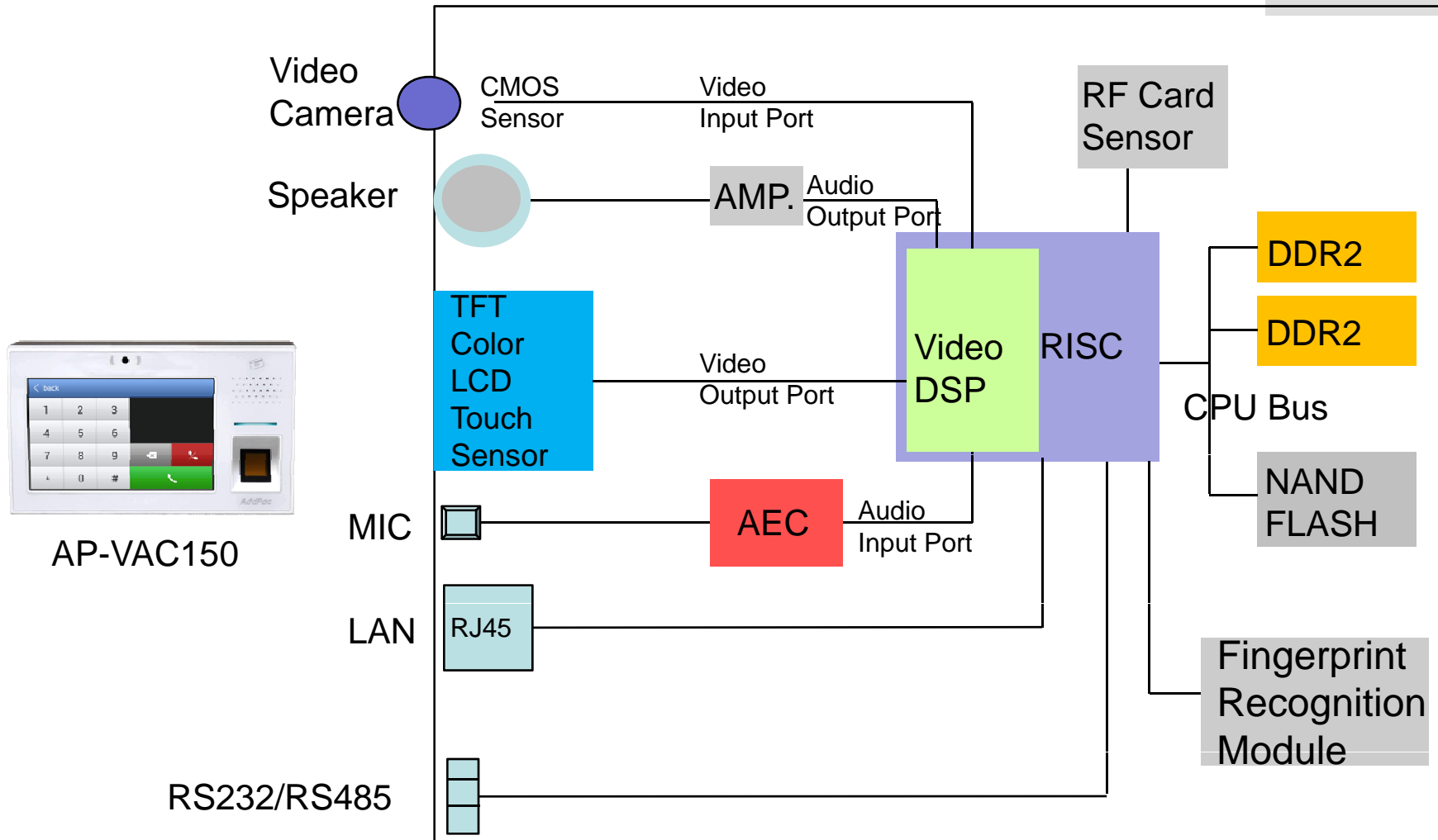
# Difference between Half Duplex and Full Duplex



# Hardware Block Diagram

RISC  
CPU

High-end  
DSP



AP-VAC150

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# Hardware Specification

RISC  
CPU

High-end  
DSP

- Acoustic Echo Canceller
  - 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)



# Thank you!

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