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# AP-VP300 MCU Video Phone

## Performance Study: LAN-to-LAN Throughput Test

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**AddPac Technology Co. Ltd**

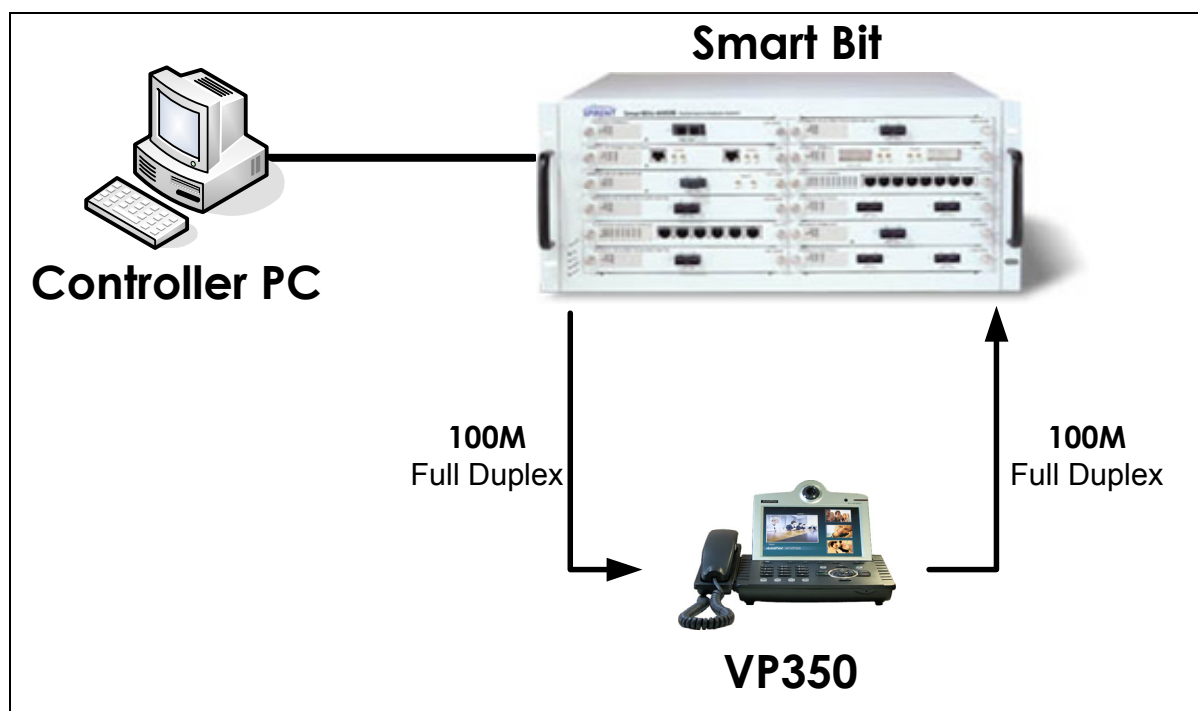
**R&D Center**

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## Hardware Specification

HW		Specification
Model		<b>AP-VP350 MCU Video Phone</b>
Product Categories		Video Phone
Microprocessor		RISC Microrprocessor
Memory	System Memory	16MB Flash Memory
	Main Memory	128MB High Speed SDRAM
Video Interface	Composite(RCA)	1-Port Video Input and 1-Port Video Output
	S-Video	1-Port Video Output
Audio Interface	Audio Input	3.5mm Stereo Audio Jack
	Audio Output	3.5mm Stereo Audio Jack
Voice Interface	PSTN Port	1-Port(FXO), RJ-11 Connector
Ethernet Interface	Ethernet Port for WAN	1-Port 10/100M Fast Ethernet, RJ-45 Connector
	Ethernet Port for LAN	1-Port 10/100M Fast Ethernet, RJ-45 Connector
Console Interface	RS-232C Serial Port	1-Port, RJ-45 Connector
Power Supply	AC Power Input	External AC 110~220V Power Supply (Adaptor)
Dimension	W x D x H, Weight	283 x 220 x 210(mm), 1.5Kg

## Test Network Diagram

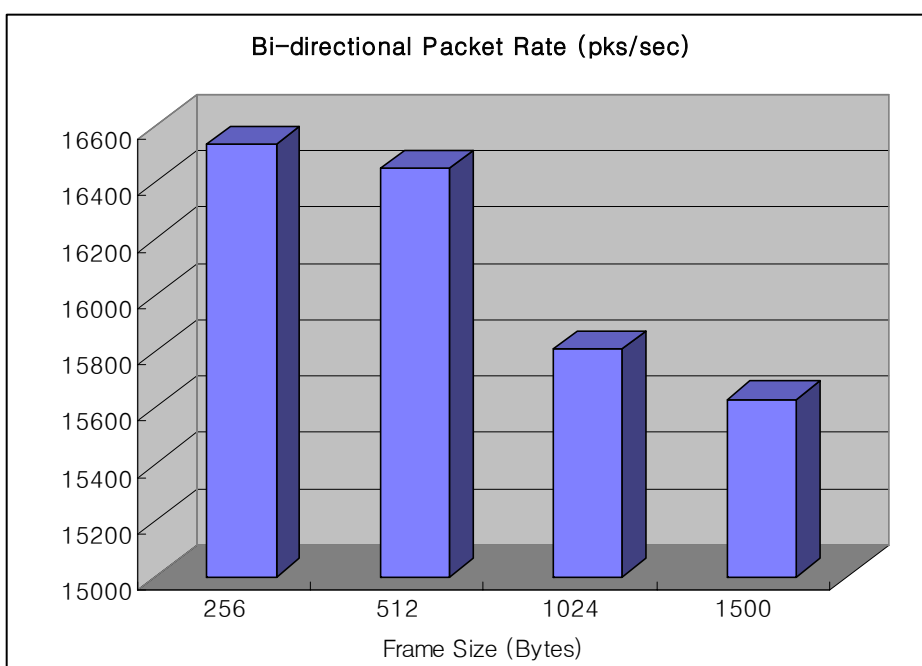
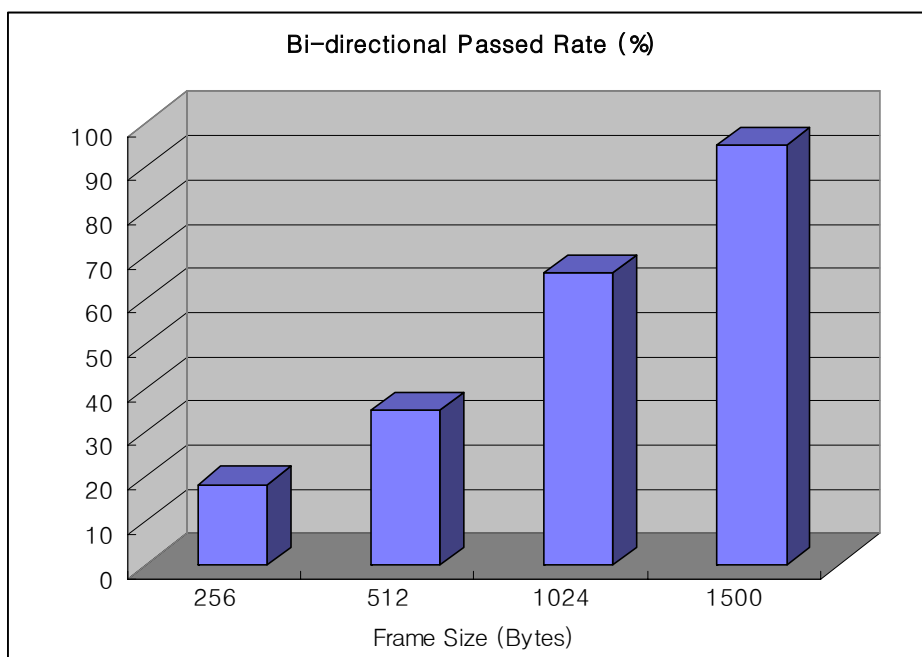


## Test Environment

- Test Measuring Equipment: SmartBits 6000
- Test Procedures: Throughput Test with SmartBits Application v3.00
- Throughput Test Length : 60 seconds
- Test Mode : Bi-directional, Uni-directional

## Test Result A : Bi-directional

Frame Size (Bytes)	Passed Rate (%)	LAN0 → LAN1 (pkts/sec)	LAN1 → LAN0 (pkts/sec)	Total (pkts/sec)
256	18.25	8267	8267	16534
512	35.01	8226	8226	16452
1024	66.02	7904	7904	15808
1500	95.03	7815	7815	15630



### Test Result B : Uni-directional

Frame Size (Bytes)	Passed Rate (%)	LAN0 → LAN1 (pks/sec)	Total (pks/sec)
512	38.52	17446	17446
1024	73.94	17373	17373
1280	100.00	11973	11973
1500	100.00	8224	8224

