
AP-VP300 Video Phone

Performance Study: LAN-to-LAN Throughput Test



AddPac Technology Co. Ltd

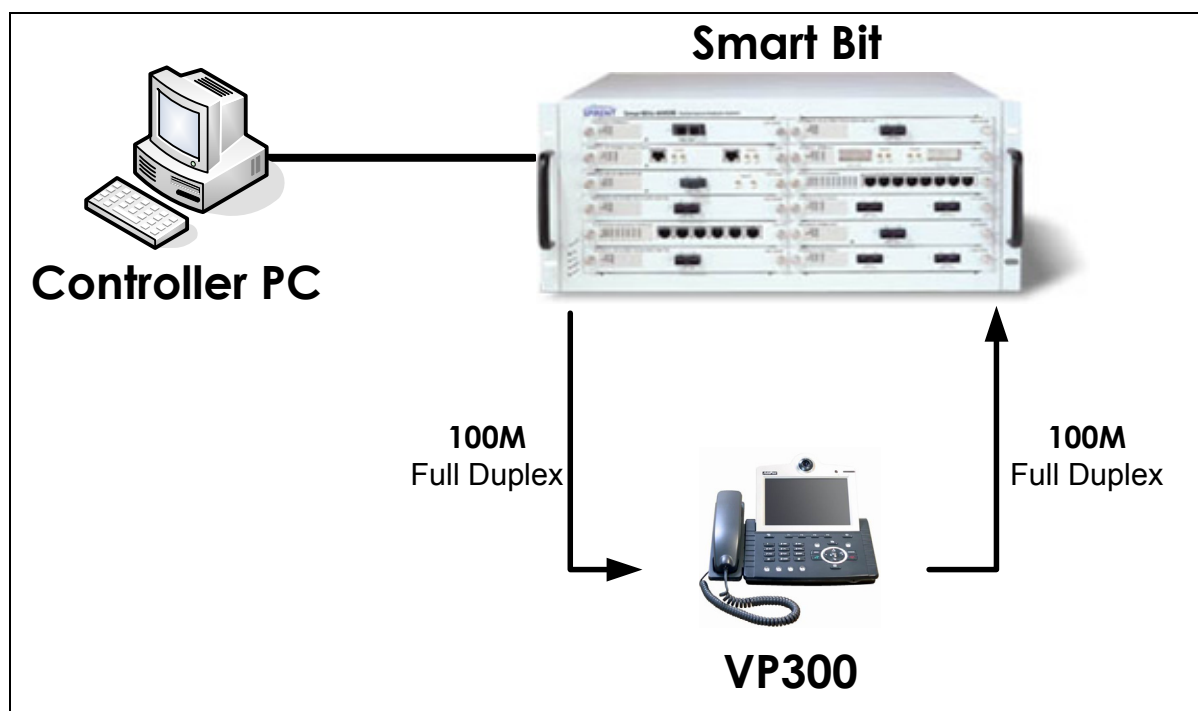
R&D Center

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Hardware Specification

HW		Specification
Model		AP-VP300 Series
Product Categories		Video Phone
Microprocessor		RISC Microrprocessor
Memory	System Memory	8MB Flash Memory
	Main Memory	64MB 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

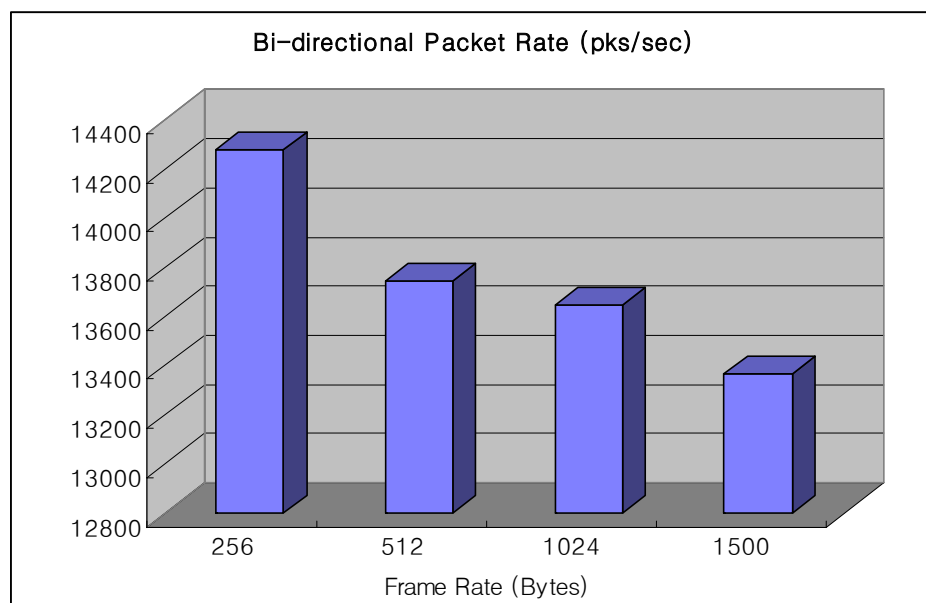
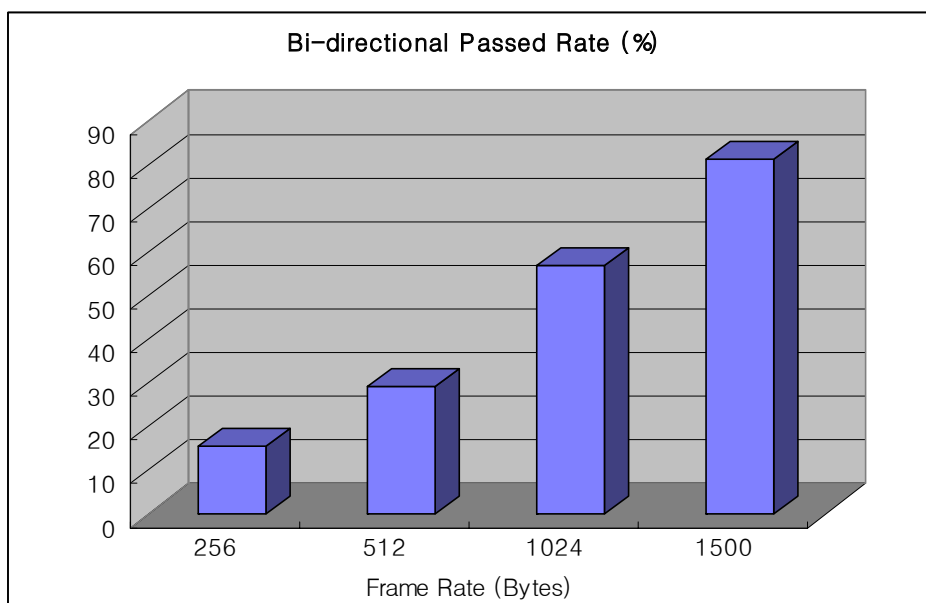


Test Environment

- 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 (pks/sec)	LAN1 → LAN0 (pks/sec)	Total (pks/sec)
256	15.76	7139	7139	14278
512	29.25	6872	6872	13744
1024	57.00	6825	6825	13650
1500	81.27	6684	6684	13368



Test Result B : Uni-directional

Frame Size (Bytes)	Passed Rate (%)	LAN0 → LAN1 (pks/sec)	Total (pks/sec)
512	33.13	15006	15006
1024	63.00	14802	14802
1280	100.00	11973	11973
1500	100.00	8224	8224

