
AP-VP200 Video Phone

Performance Study: LAN-to-LAN Throughput Test



AddPac Technology Co. Ltd

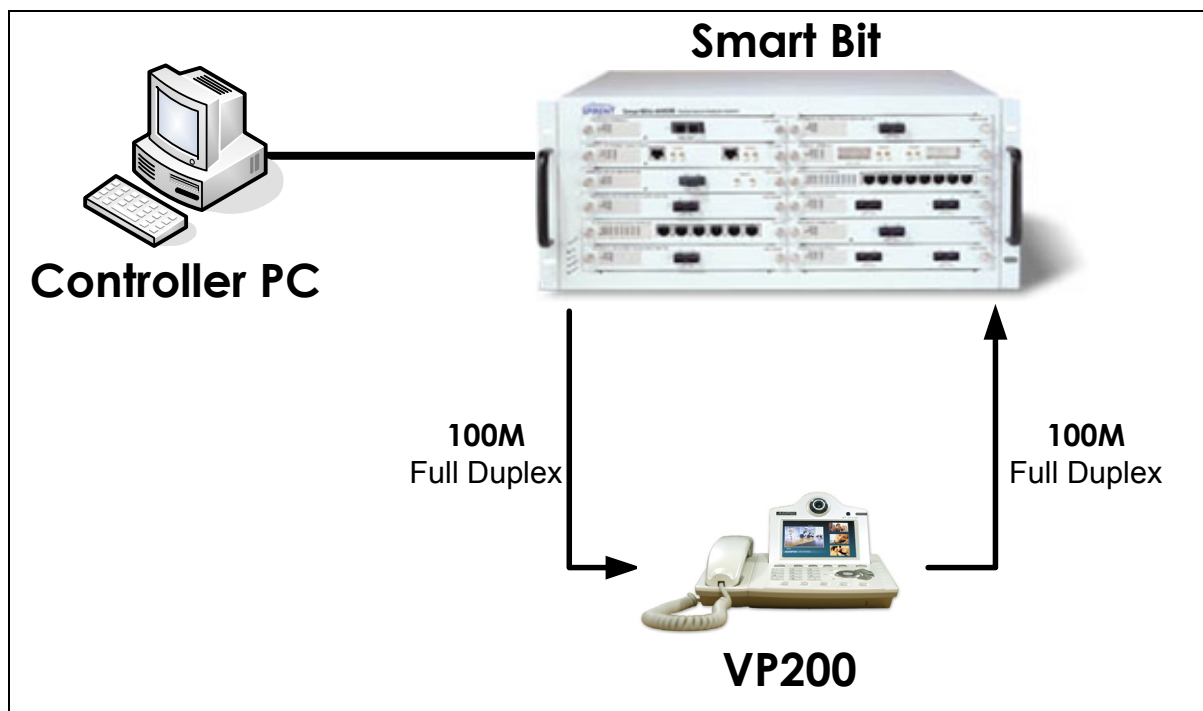
R&D Center

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Hardware Specification

HW		Specification
Model		AP-VP200 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	230 x 215 x 185(mm), 1.2kg

Test Network Diagram

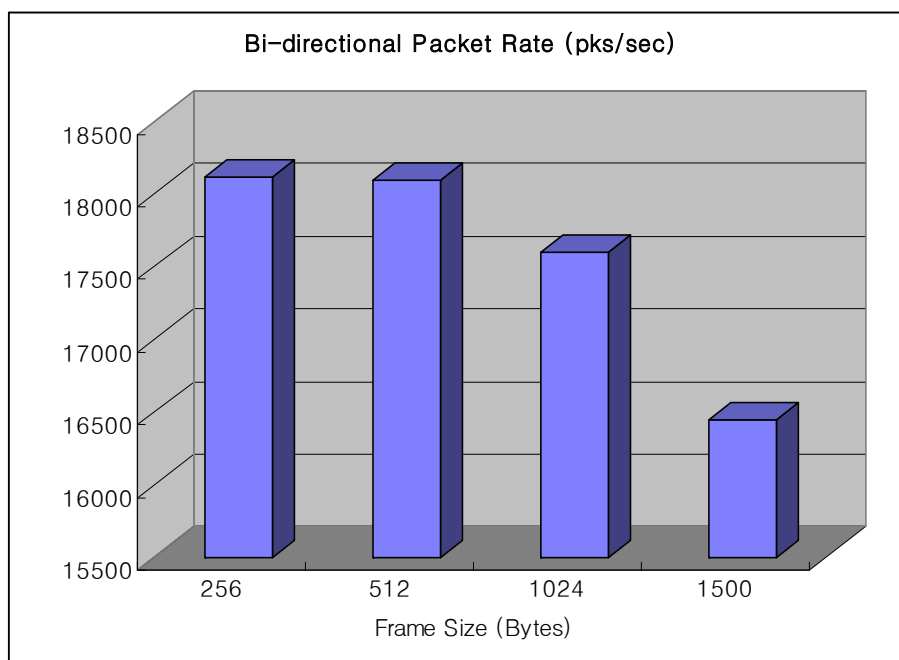
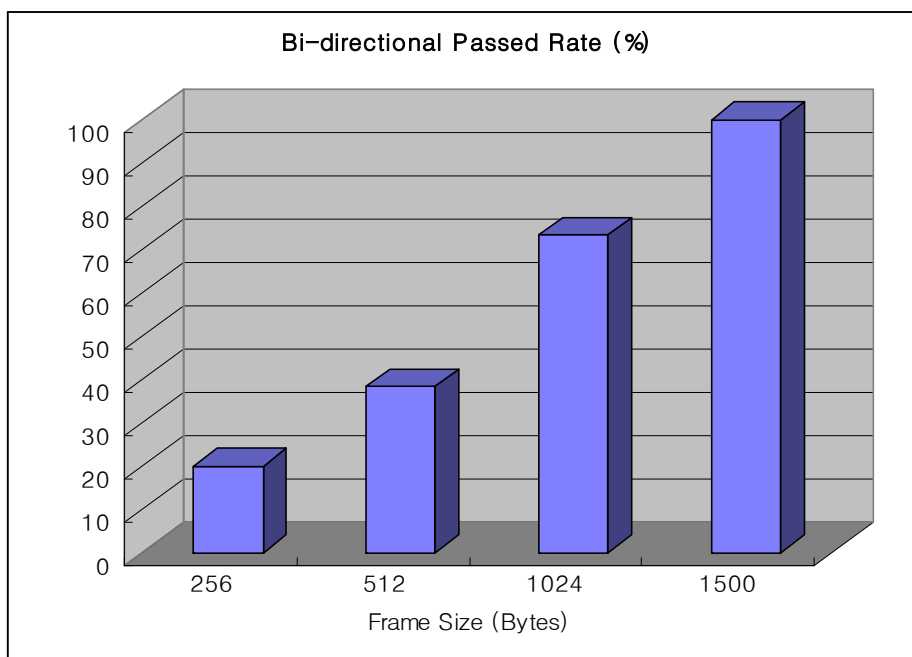


Test Environment

- 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	20.00	9058	9058	18116
512	38.51	9048	9048	18096
1024	73.50	8800	8800	17600
1500	100.00	8224	8224	16448



Test Result B : Uni-directional

Frame Size (Bytes)	Passed Rate (%)	LAN0 → LAN1 (pkts/sec)	Total (pkts/sec)
512	42.79	19380	19380
1024	81.78	19216	19216
1280	100.00	11973	11973
1500	100.00	8224	8224

