
AP-VC2000 Video Phone

Performance Study: LAN-to-LAN Throughput Test



AddPac Technology Co. Ltd

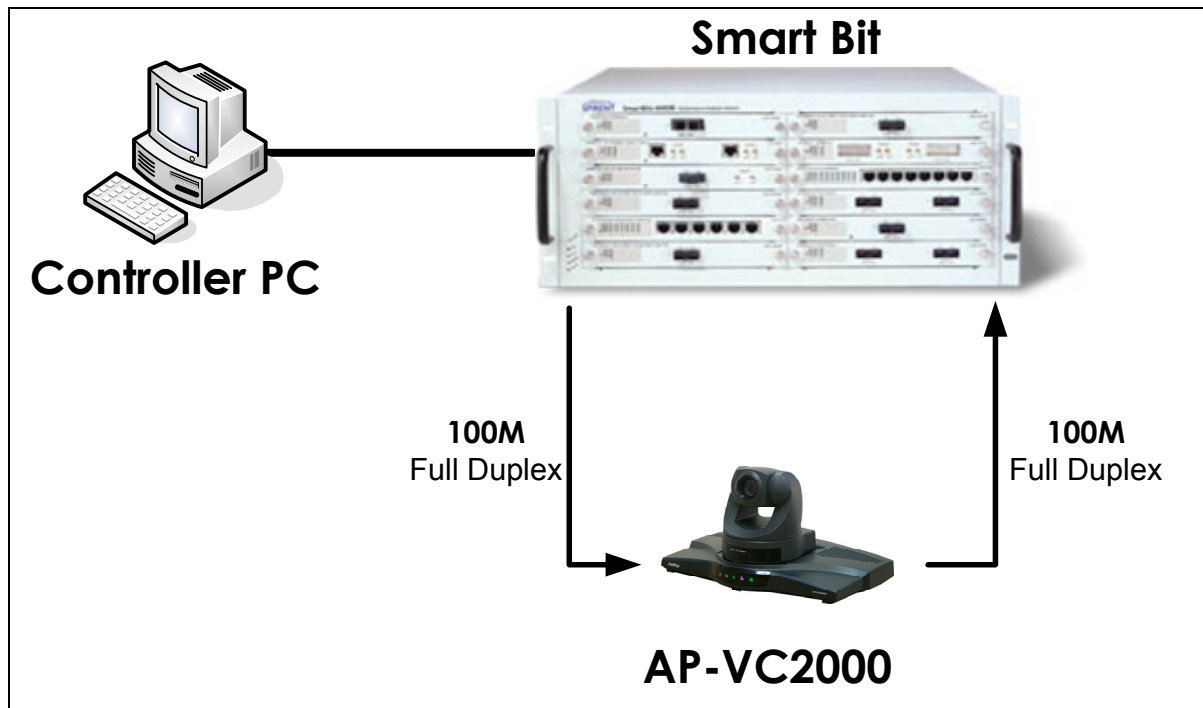
R&D Center

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Hardware Specification

HW		Specification
Model		AP-VC2000 Series
Product Categories		Video Conference Equipment
Microprocessor		RISC Microrprocessor
Memory	System Memory	16MB Flash Memory
	Main Memory	128MB High Speed SDRAM
Audio/Video Interface CH#0	Video Output	Composite RCA, S-Video, Component Video Out
	Video Input	Composte Video In, S-Video In
	Audio Output	Stereo RCA Type Aduio Output (Left, Right)
	Audio Input	Stereo Audio Input Connector (3.5mm)
	Control Interface	PAN/TILT/ZOOM Control via RS232C (RJ45)
Audio/Video Interface CH#1	Video Output	Composite RCA, S-Video, Component Video Out, 15Pin DSubVGA Out
	Video Input	Composte Video In, S-Video In, 15pin DSub VGA In
	Audio Output	Stereo RCA Type Aduio Output (Left, Right)
	Audio Input	Stereo Audio Input Connector (3.5mm)
	Control Interface	PAN/TILT/ZOOM Control via RS232C (RJ45)
Voice Interface	Analog Phone, FAX Interface	1-Port(FXS), 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
USB Interface	USB 1.1 Master Mode	USB Interface for Wifi, HDD, Flash, Keyboard, Mouse
Power Supply	AC Power Input	External AC 110~220V Power Supply (Adaptor)

Test Network Diagram

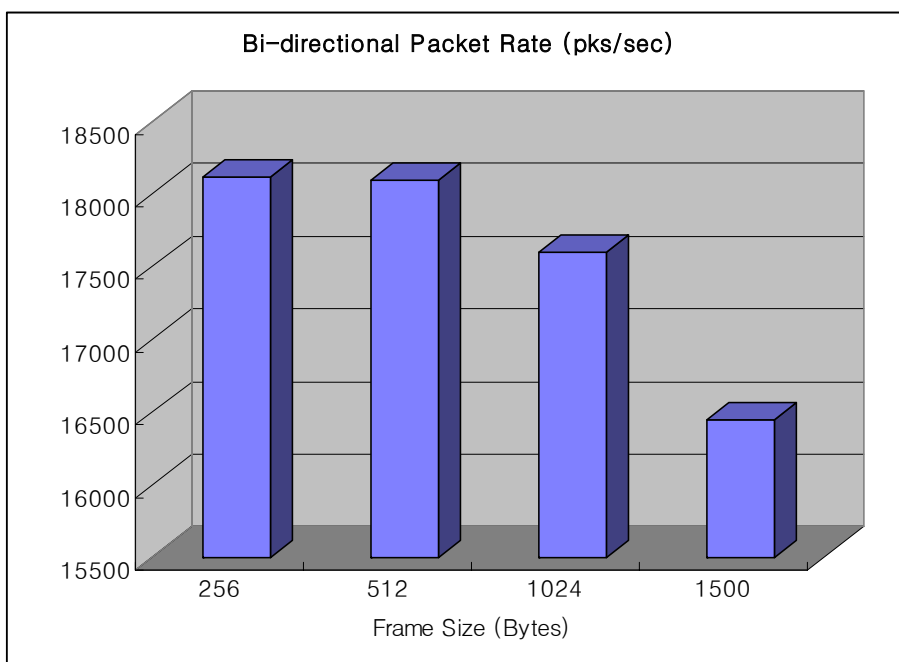
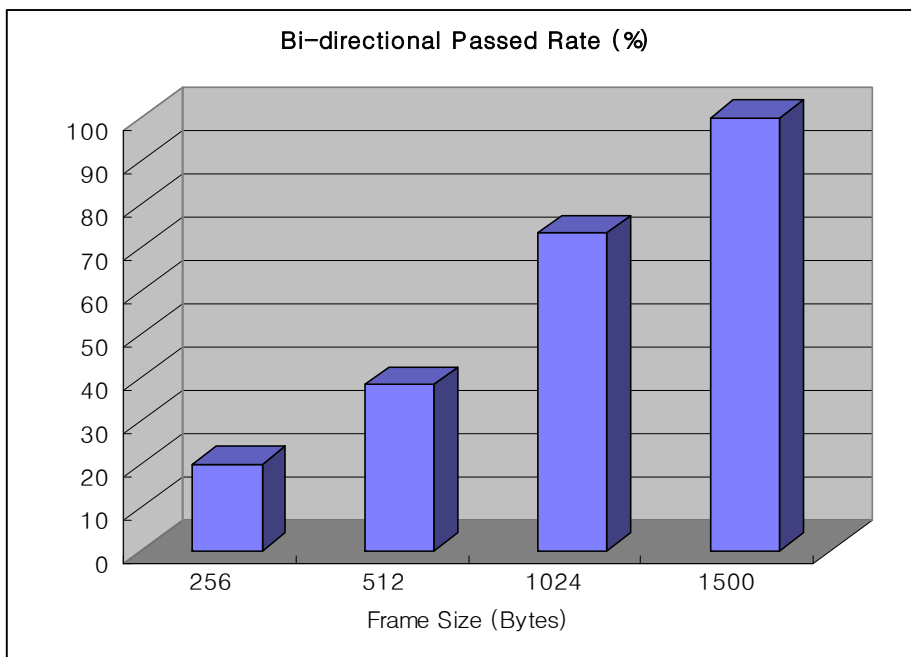


Test Environment

- 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

