

GSM SIM Server Solution



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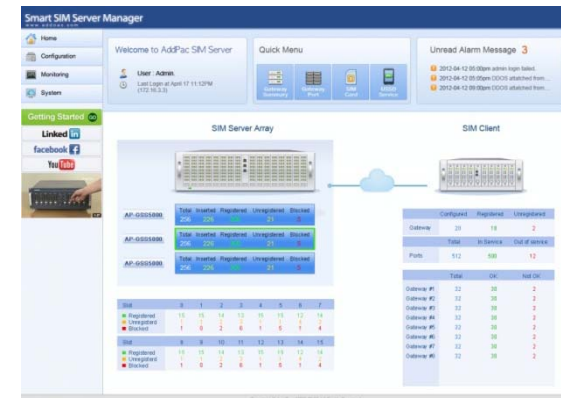
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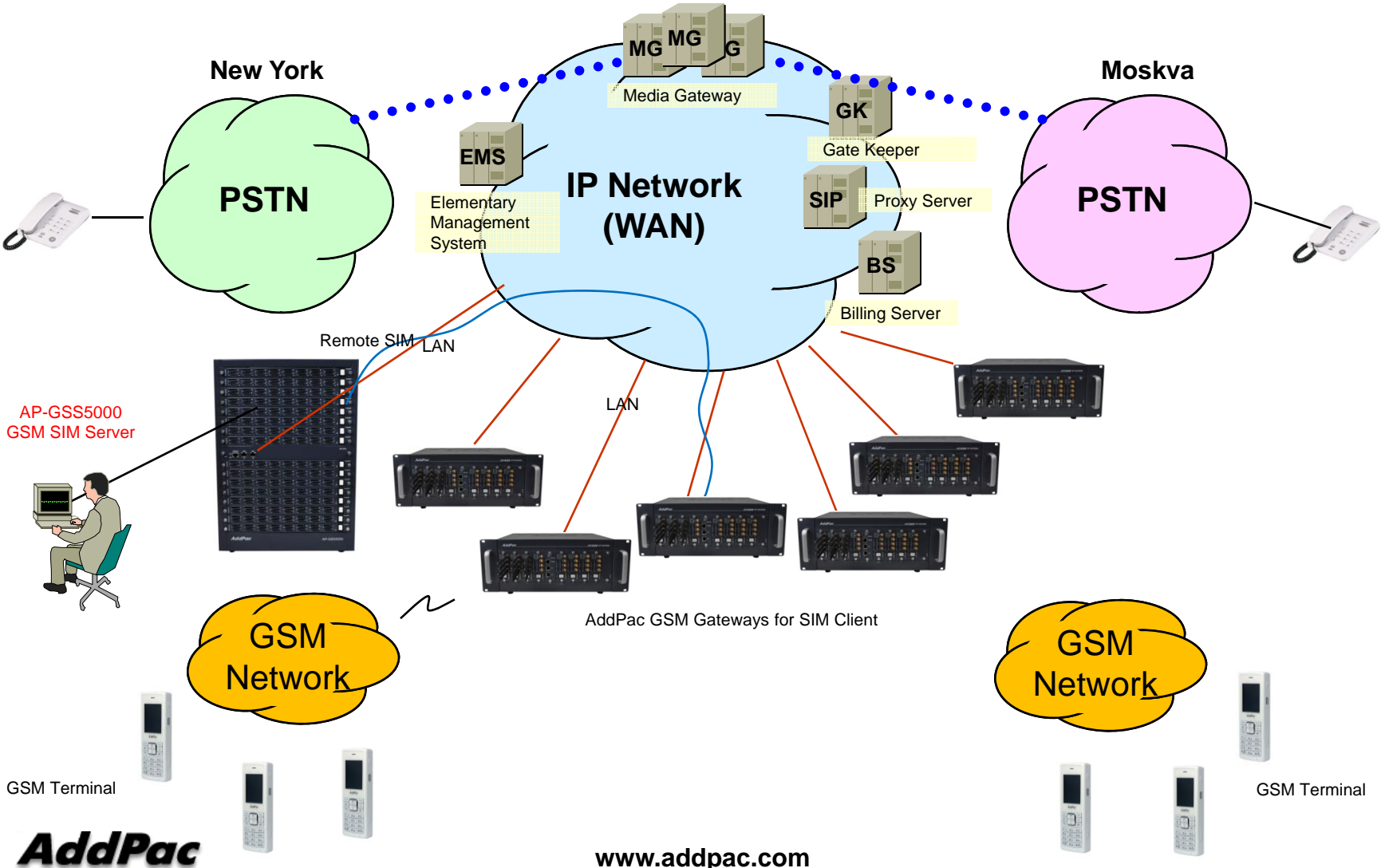
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GSM SIM Server Service Diagram





GSM SIM Server Series

GSM SIM Server Comparison Table

Model	AP-GSS5000	AP-GSS3000	AP-GSS2000	AP-GSS1500
				
Available Modules	AP-GSC32F AP-CPU AP-POWER	AP-GSC32 AP-CPU AP-POWER	AP-GSC32 AP-CPU	AP-N1-SIM32 AP-CPU
SIM Bank Module	AP-GSC32F : 32 SIM, Front Insertion Type, Single SIM base exchange, Hot-Swap	AP-GSC32 : 32 SIM, Hot-Swap	AP-GSC32 : 32 SIM, Hot-Swap	AP-N1-SIM32: 32 SIM, Hot-Swap
Total SIM Cards	Up to 512 SIM	Up to 512 SIM	Up to 256 SIM	Up to 256 SIM
SIM Bank Module Slot	Sixteen(16) Module Slots for AP-GSC32F	Sixteen(16) Module Slots for AP-GSC32	Octal(8) Module Slots for AP-GSC32	Octal(8) Module Slots for AP-N1-SIM32
LAN Port	2	2	2	2
Console	1	1	1	1
Power	Module Type Single PSU	Module Type Dual PSU	Single PSU	Single PSU



AP-GSS5000 GSM SIM Tower

Main Features

AP-GSS5000 GSM SIM Server

- Sixteen(16) Module Slots for 32ch SIM Bank Module (Up to 32x16=512ch SIM Slot, CPU Module)
 - Front SIM Card Insert Scheme
- High Performance RISC Microprocessor Architecture
- Remote SIM solution for Centralized Management
- Hot-Swap Service for SIM Bank Module
- Powerful Real-time Response Service using Embedded RTOS
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Two(2)10/100/1000Mbps Gigabit Ethernet
- One(1) RS-232C Port for Command Line Interface
- Firmware Upgradeable Architecture
- Smart Web Manager for SIM Server
- Module Type Power Supply

Hardware Specification

AP-GSS5000 GSM SIM Server

RISC
CPU

- RISC Microprocessor Computing Power
- High Performance CPU Module
- Sixteen(16) SIM Bank Module Slots
- 32ch GSM SIM Slot Module(AP-GSC32F)
 - 32ch SIM Card Slot
 - SIM Slot Status Port LED
 - Hot-Swap Button
 - Front SIM card insert scheme
- Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet (RJ45)
- RS232C Console Interface for CLI
- Run LED, LAN LED, Port LEDs
- Module Type Power Supply

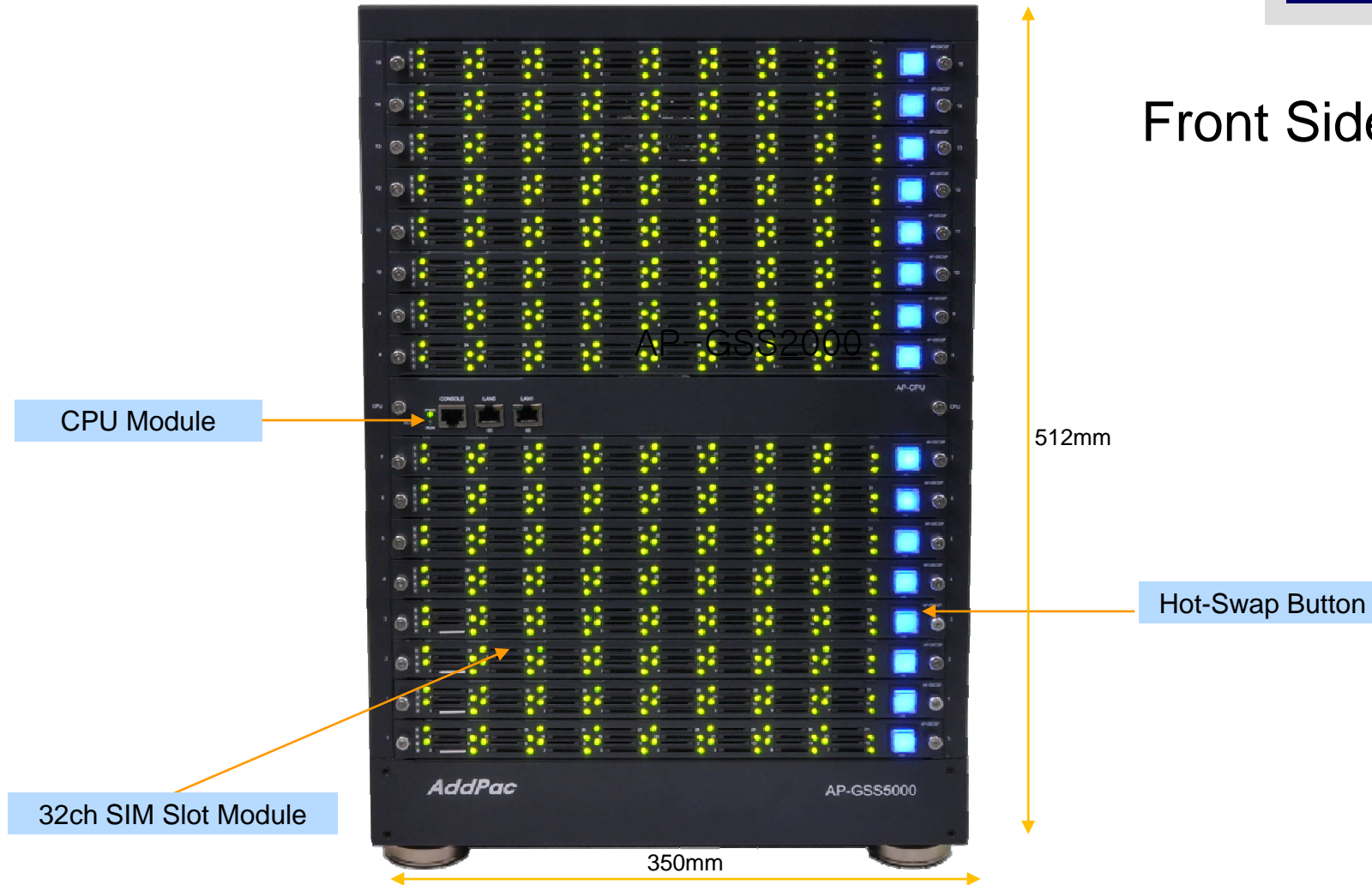


Hardware Specification

AP-GSS5000 GSM SIM Server

RISC
CPU

Front Side View



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Hardware Specification

AP-GSS5000 GSM SIM Server

RISC
CPU

Back Side View



Cooling FAN

Power Module

Power Inlet (110~220V)

Power Switch

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Hardware Specification

AP-GSS5000 GSM SIM Server

SIM Bank Module

AP-GSC32F 32ch GSM SIM Slot Module



SIM Card Slot

SIM Status LED :
Dual Color LED

Hot-Swap Button

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AP-GSS3000 GSM SIM Server

Main Features

AP-GSS3000 GSM SIM Server

- Sixteen(16) Module Slots for 32ch SIM Bank Module (Up to 32x16=512ch SIM Slot, CPU Module)
- High Performance RISC Microprocessor Architecture
- Remote SIM solution for Centralized Management
- Hot-Swap Service for SIM Bank Module
- Powerful Real-time Response Service using Embedded RTOS
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Two(2)10/100Mbps Fast Ethernet
- One(1) RS-232C Port for Command Line Interface
- Firmware Upgradeable Architecture
- Smart Web Manager for SIM Server
- Module Type Dual Power Supply for Redundancy

Hardware Specification

AP-GSS3000 GSM SIM Server

RISC
CPU

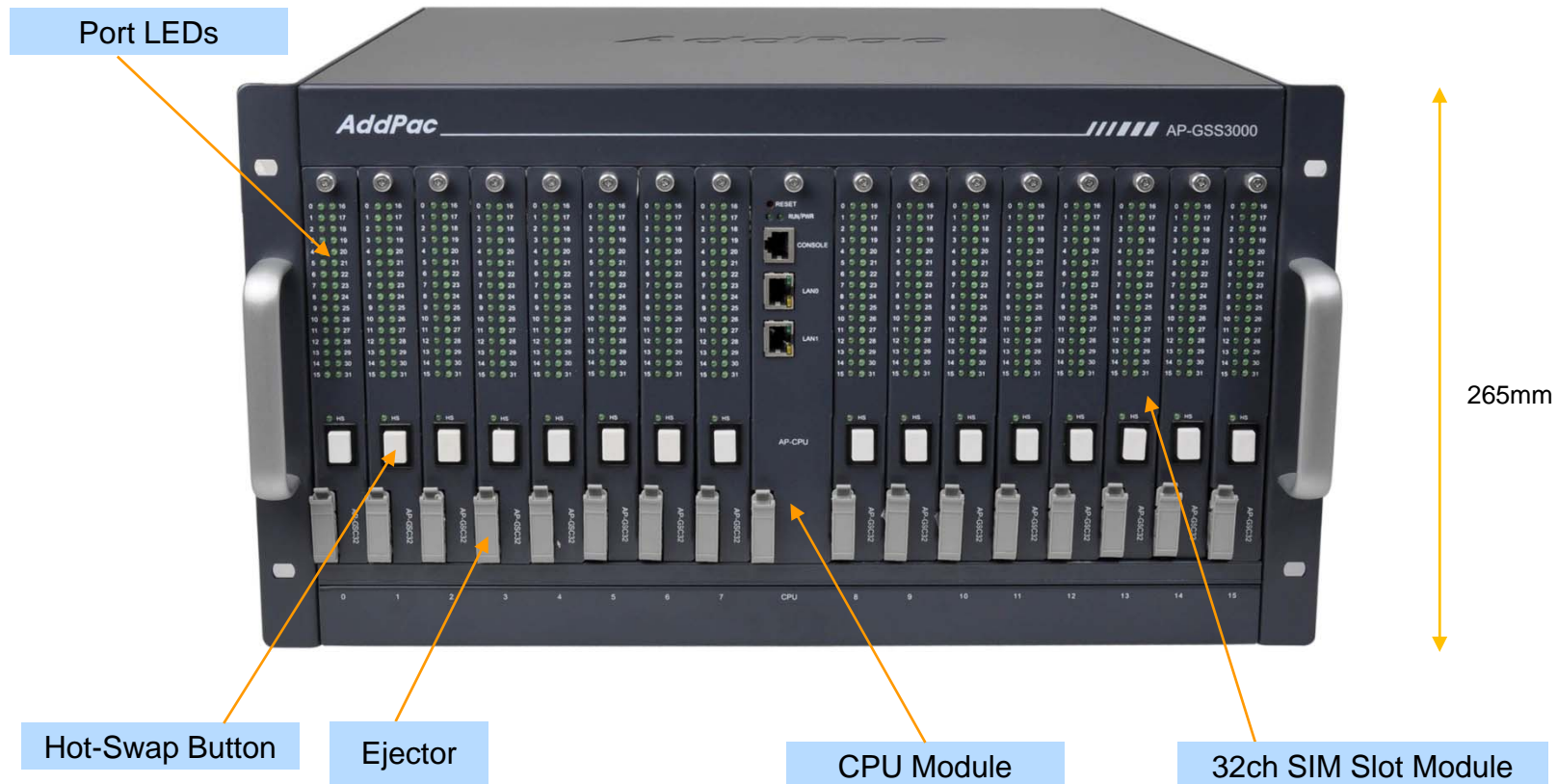
- RISC Microprocessor Computing Power
- High Performance CPU Module
- Sixteen(16) SIM Bank Module Slots
- 32ch GSM SIM Slot Module(AP-GSC32)
 - 32ch SIM Card Slot
 - SIM Slot Status Port LED
 - Hot-Swap Button
- Network Interface
 - Two(2) 10/100Mbps Fast Ethernet (RJ45)
- RS232C Console Interface for CLI
- Run LED, LAN LED, Port LEDs
- Dual Power Supply

Hardware Specification

AP-GSS3000 GSM SIM Server

RISC
CPU

Front Side View



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Hardware Specification

AP-GSS3000 GSM SIM Server

RISC
CPU

Back Side View

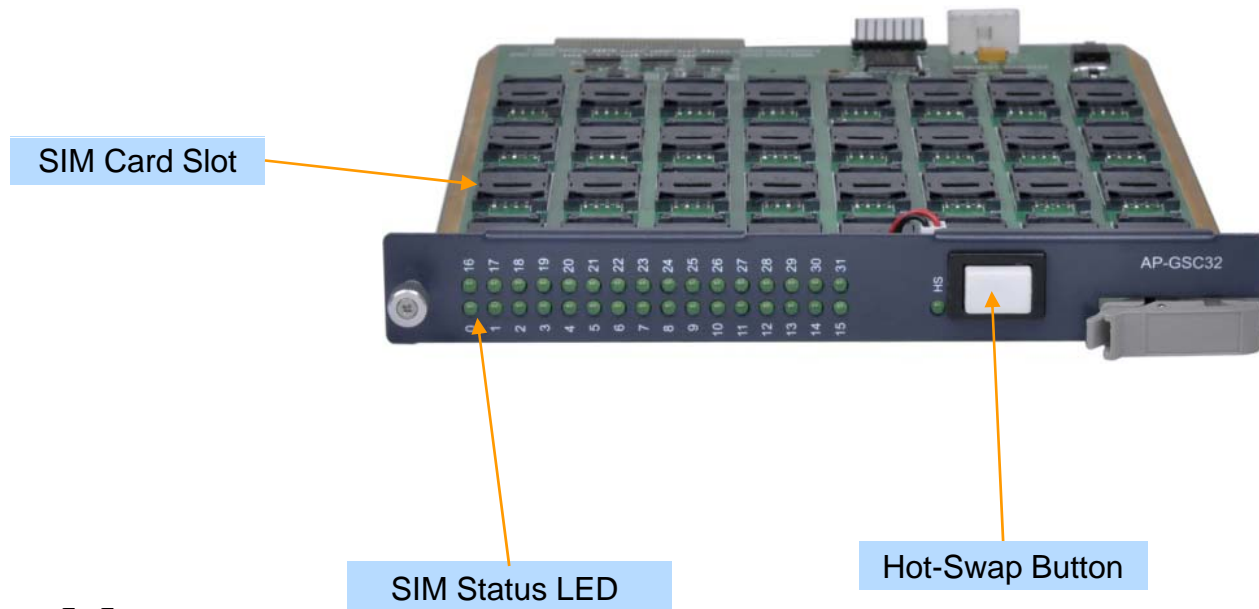


Hardware Specification

AP-GSS3000 GSM SIM Server

SIM Bank Module

AP-GSC32 32ch GSM SIM Slot Module





AP-GSS2000 GSM SIM Server

Main Features

AP-GSS2000 GSM SIM Server

- Eight(8) Module Slots for 32ch SIM Bank Module
(Up to 32x8 = 256ch SIM Slot, CPU Module)
- High Performance RISC Microprocessor Architecture
- Remote SIM solution for Centralized Management
- SIM Rotation Service Support for GSM Gateways
- 32 SIM Bank Module
- Hot-Swap Service for SIM Bank Module
- Powerful Real-time Response Service using Embedded RTOS
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Two(2)10/100Mbps Fast Ethernet
- One(1) RS-232C Port for Command Line Interface
- Firmware Upgradeable Architecture
- Smart Web Manager for GSM SIM Server

Hardware Specification

AP-GSS2000 GSM SIM Server

RISC
CPU

- RISC Microprocessor Computing Power
- High Performance CPU Module
- Eight(8) SIM Bank Module Slots
- 32ch GSM SIM Slot Module(AP-GSC32)
 - 32ch SIM Card Slot
 - SIM Slot Status Port LED
 - Hot-Swap Button
- Network Interface
 - Two(2) 10/100Mbps Fast Ethernet (RJ45)
- RS232C Console Interface for CLI
- Run LED, LAN LED, Port LEDs
- Single Internal Power Supply

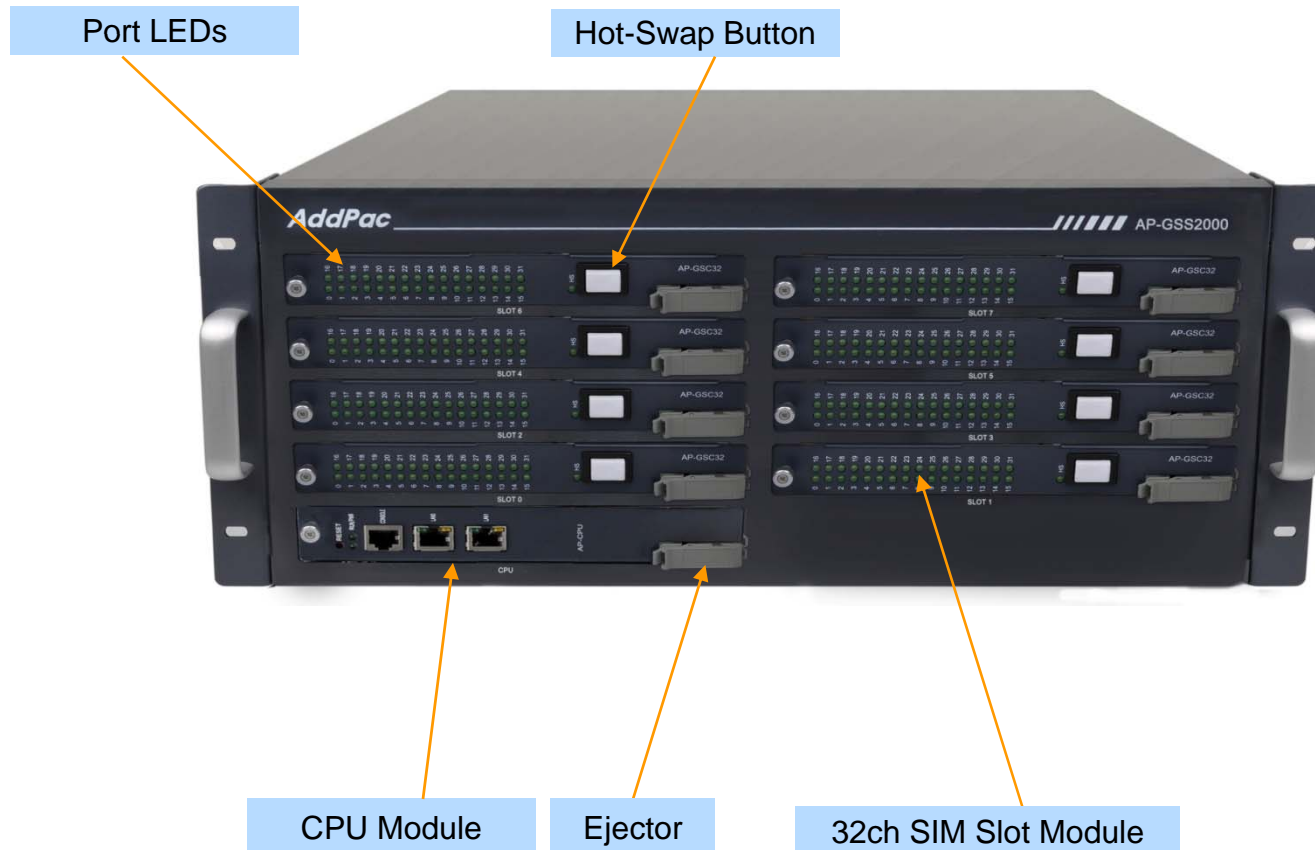


Hardware Specification

AP-GSS2000 GSM SIM Server

RISC
CPU

Front Side View



Hardware Specification

AP-GSS2000 GSM SIM Server

RISC
CPU

Back Side View

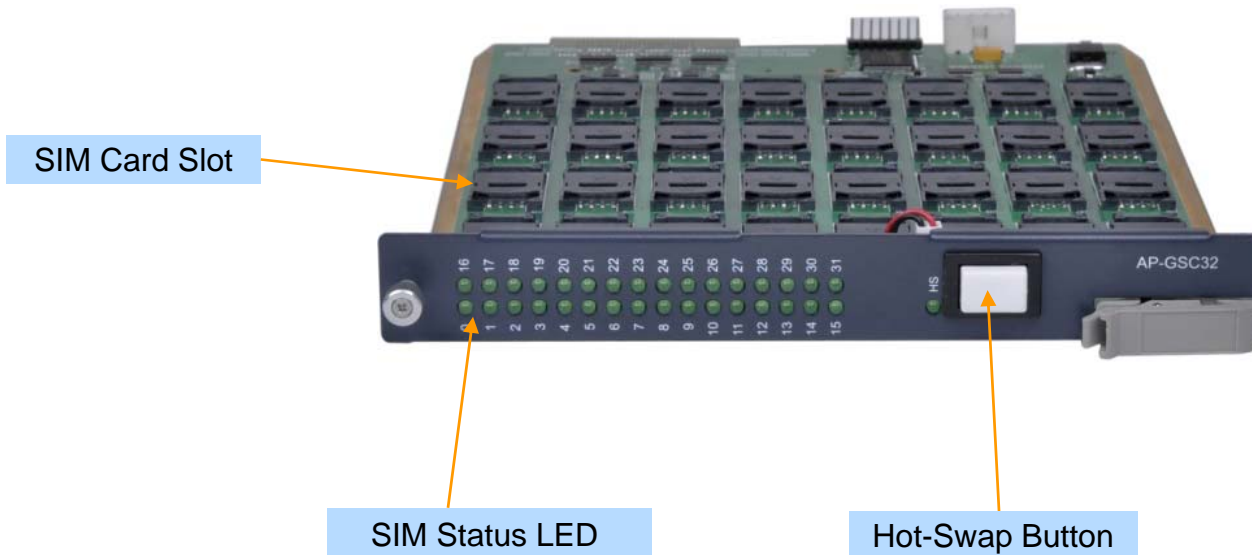


Hardware Specification

AP-GSS2000 GSM SIM Server

SIM Bank Module

AP-GSC32 32ch GSM SIM Slot Module





AP-GSS1500 GSM SIM Server

Main Features

AP-GSS1500 GSM SIM Server

- Octal(8) Module Slots for 32ch SIM Bank Module (Up to 32x8=256ch SIM Slot, CPU Module)
- High Performance RISC Microprocessor Architecture
- Remote SIM solution for Centralized Management
- Hot-Swap Service for SIM Bank Module
- Powerful Real-time Response Service using Embedded RTOS
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Two(2)10/100/1000Mbps Gigabit Ethernet
- One(1) RS-232C Port for Command Line Interface
- Firmware Upgradeable Architecture
- Smart Web Manager for GSM SIM Server
- High Density and Compact Size Design
- Internal Power Supply

Hardware Specification

AP-GSS1500 GSM SIM Server

RISC
CPU

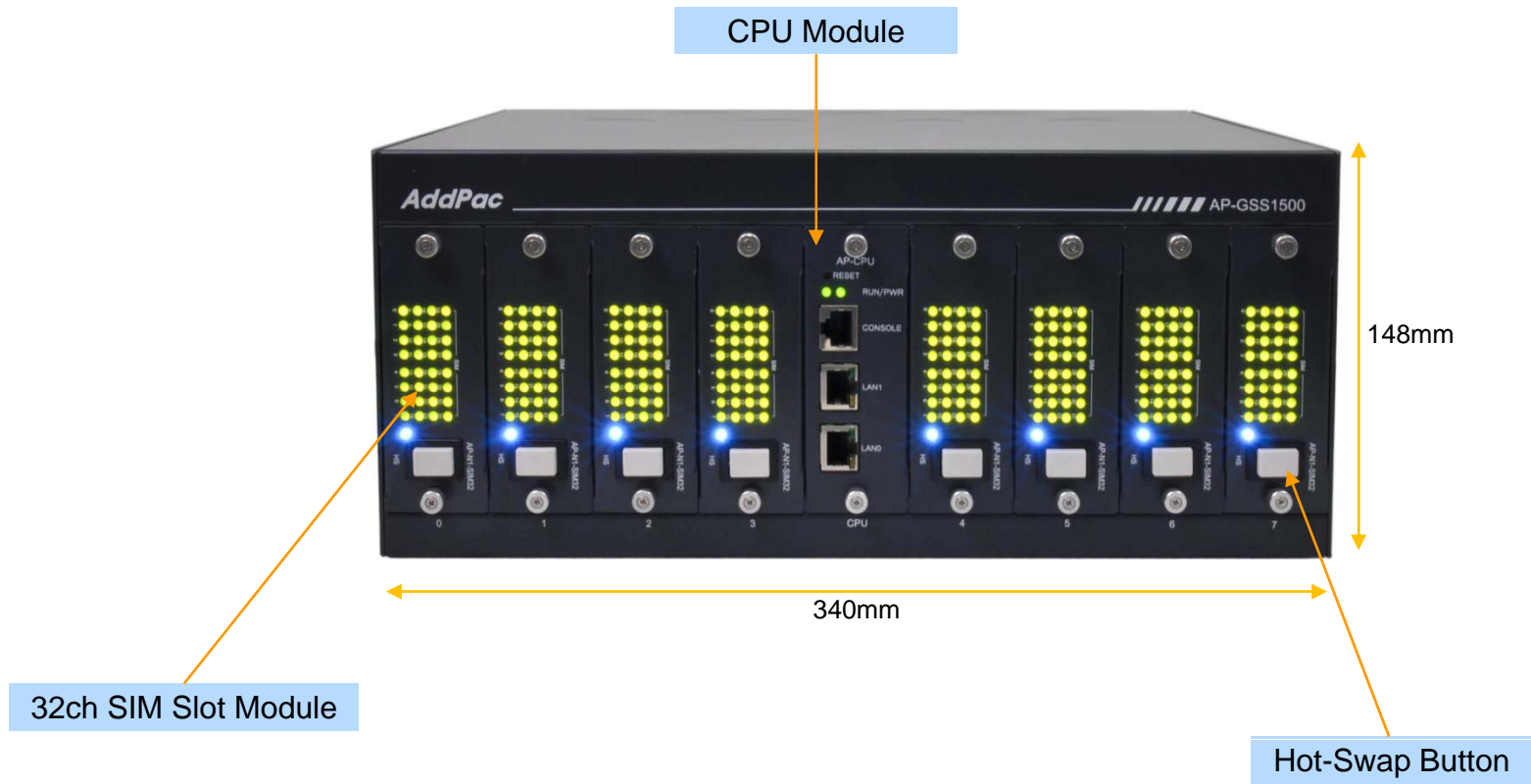
- RISC Microprocessor Computing Power
- High Performance CPU Module
- Octal(8) SIM Bank Module Slots
- 32ch GSM SIM Slot Module(AP-N1-SIM32)
 - 32ch SIM Card Slot
 - SIM Slot Status Port LED
 - Hot-Swap Button
- Network Interface
 - Two(2) 10/100/1000Mbps Gigabit Ethernet (RJ45)
- RS232C Console Interface for CLI
- Run LED, LAN LED, Port LEDs
- Module Type Power Supply

Hardware Specification

AP-GSS1500 GSM SIM Server



Front Side View



Hardware Specification

AP-GSS1500 GSM SIM Server

RISC
CPU

Back Side View



Cooling FAN

Power Inlet (110~220V)

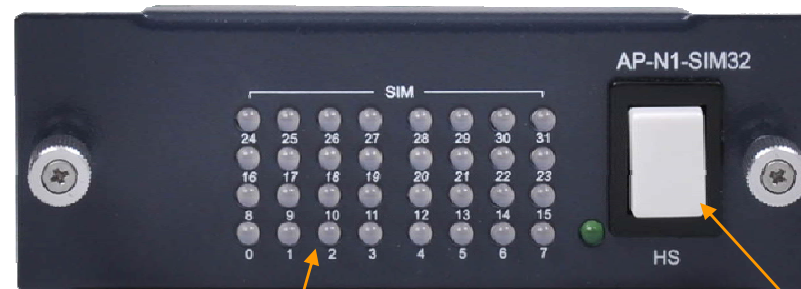
Power Switch

SIM Bank Module Specification

AP-GSS1500 GSM SIM Server

SIM Bank Module

AP-N1-SIM32 32ch GSM SIM Slot Module



SIM Status LED :
Dual Color LED

Hot-Swap Button

Dimension Comparison

AP-GSS1500 GSM SIM Server

AP-GSS1500
GSM SIM Server








AP-GS3000
GSM Gateway





AddPac GSM Gateways for SIM Client




GSM Gateway Comparison Table(32port ~)

Model	AP-GS3000	AP-GS3500	AP-GS3800	AP-GS4500	AP-GS5000
					
Available Modules	AP-N1-GSM4 AP-N1-FXS8 AP-N1-FXO8 AP-N1-FXS4O4 AP-N1-E1	AP-N1-GSM4 AP-N1-FXS8 AP-N1-FXO8 AP-N1-FXS4O4 AP-N1-E1	AP-N1-GSM4 AP-N1-FXS8 AP-N1-FXO8 AP-N1-FXS4O4 AP-N1-E1	AP-N1-GSM8 AP-N1-FXS8 AP-N1-FXO8 AP-N1-E1 AP-N1-2E1	AP-N1-GSM8 AP-N1-FXS8 AP-N1-FXO8 AP-N1-E1 AP-N1-2E1
GSM Channel	Up to 36 Channel	Up to 36 Channel	Up to 44 Channel	Up to 64 Channel	Up to 80 Channel
GSM Antenna	One(1) / 4 Channel GSM Module (AP-N1-GSM4)	One(1) / 4 Channel GSM Module (AP-N1-GSM4)	One(1) / 4 Channel GSM Module (AP-N1-GSM4)	Two(2) / 8 Channel GSM Module(AP-N3-GSM8)	Two(2) / 8 Channel GSM Module(AP-N1-GSM8)
Module Slot	Nine(9) Module Slots for GSM, E1/T1 Module Slot	Nine(9) Module Slots for GSM, E1/T1 Module Slot	Eleven(11) Module Slots for GSM	Eight(8) Module Slots for GSM, E1/T1 Module Slot	Ten(10) Module Slots for GSM, E1/T1 Module Slot
LAN Port	2	2	2	2	2
Console	1	1	1	1	1
Power	Single PSU	Dual PSU(Module)	Single PSU	Single PSU	Dual PSU (module)

GSM VoIP Gateway Comparison Table(32port ~)

Model	AP-GV2800	AP-GV3000
		
Available Modules	AP-N2-GSM8	AP-N2-GSM8
GSM Channel	Up to 32 Channel	Up to 32 Channel
GSM Antenna	Two(2) / 8 Channel GSM Module(AP-N2-GSM8)	Two(2) / 8 Channel GSM Module(AP-N2-GSM8)
Module Slot	Four(4) Module Slots for GSM	Four(4) Module Slots for GSM
LAN Port	2	2
Console	1	1
Power	Single PSU	Dual PSU (module)

GSM VoIP Gateway Comparison Table(32port ~)

Model	AP-GV3300	AP-GV3200	AP-GV3100
	 	 	 
Available Modules (Only red color module supports SIM client)	AP-N5-GSM8I AP-N5-GSM8UI AP-N5-GSM8SI AP-N5-1E1/T1 AP-N5-2E1/T1	AP-N5-GSM8I AP-N5-GSM8UI AP-N5-GSM8SI AP-N5-1E1/T1 AP-N5-2E1/T1	AP-N5-GSM8I AP-N5-GSM8UI AP-N5-GSM8SI
GSM Channel	Up to 48 Channel	Up to 40 Channel	Up to 32 Channel
Module Slot	Six(6) Module Slots for GSM,E1/T1 Module, etc	Five(5) Module Slots for GSM,E1/T1 Module, etc	Four(4) Module Slots for GSM Module, etc
LAN Port	2	2	2
Console	1	1	1
Power	Single PSU	Single PSU	Single PSU



Thank you!

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