

Smart Web Manager SW for AddPac GSM Multi-SIM Rotation Modules



AddPac

AddPac Technology

2012, Sales and Marketing




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GSM SIM Rotation Module Comparison Table

AddPac GSM SIM Rotation Modules

Model	AP-N1-GSM2S4	AP-N1-GSM4S4	AP-N1-GSM4S8
			
Available Target	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500
GSM Channel	2-Port	4-Port	4-Port
SIM Card Slots	4 SIM Card Slots/a GSM Port Total = 4 x 2 = 8	4 SIM Card Slots/a GSM Port Total = 4 x 4 = 16	8 SIM Card Slots/a GSM Port Total = 8 x 4 = 32
External Antenna	2	1 (Internal Antenna Combiner)	1 (Internal Antenna Combiner)
Hot-Swap	Support	Support	Support
VoIP Codec	G.711, G.729, G.723.1,etc	G.711, G.729, G.723.1,etc	G.711, G.729, G.723.1,etc

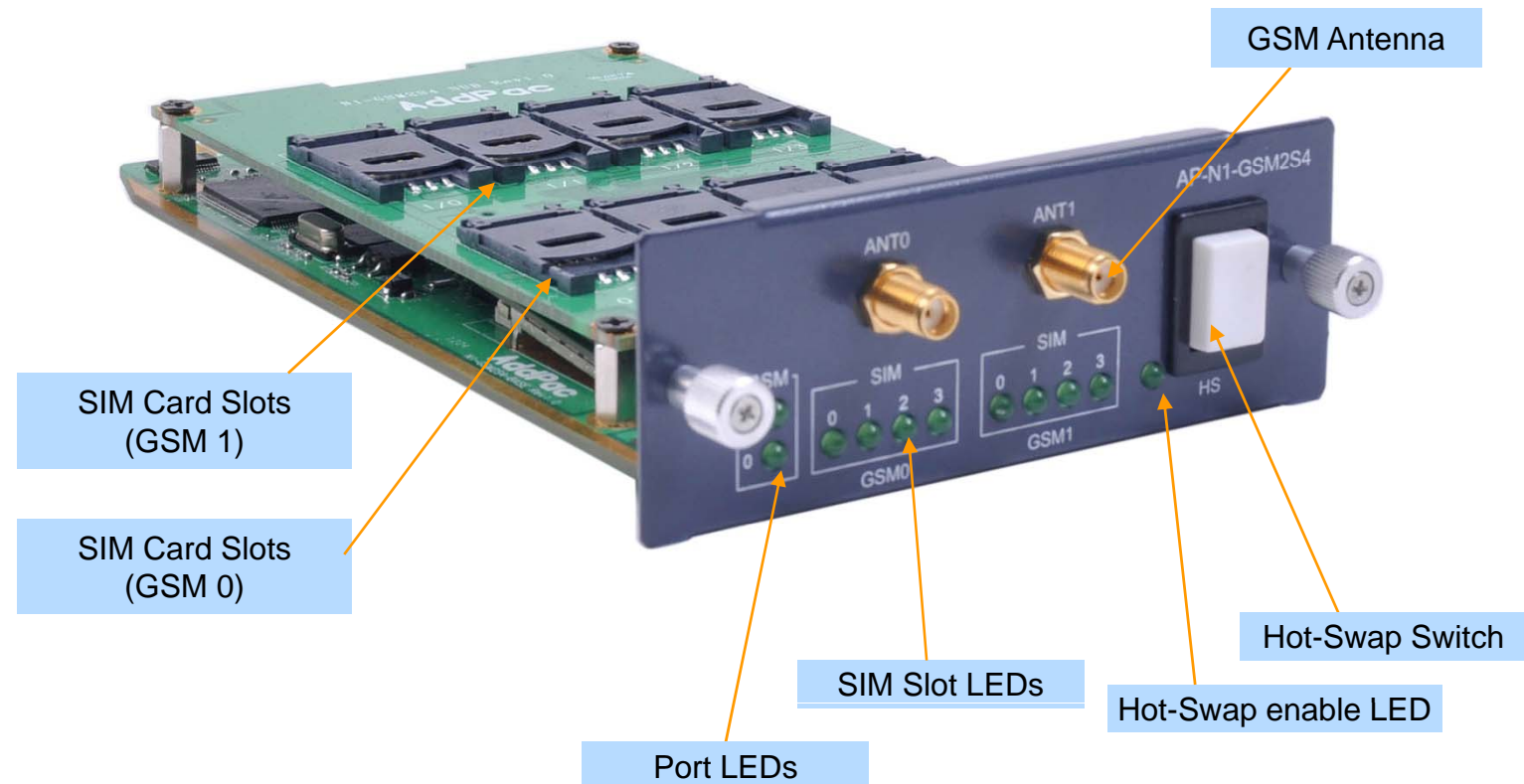


GSM SIM Rotation Modules

AP-N1-GSM2S4

Four(4) SIM Card Slots/GSM Port

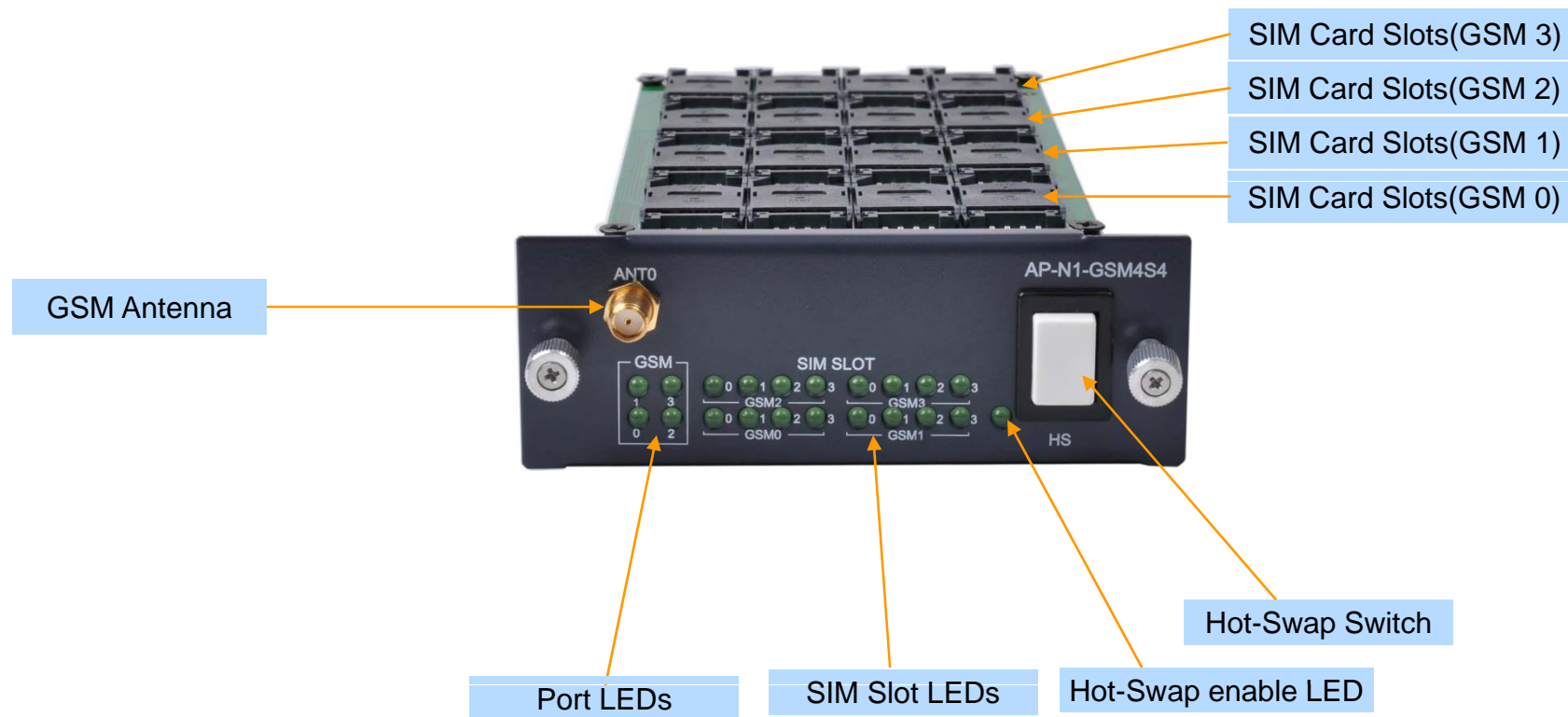
AP-N1-GSM2S4
(2-Port GSM Module, 4 SIM Card Slots per GSM Port)



AP-N1-GSM4S4

Quad(4) SIM Card Slots/GSM Port

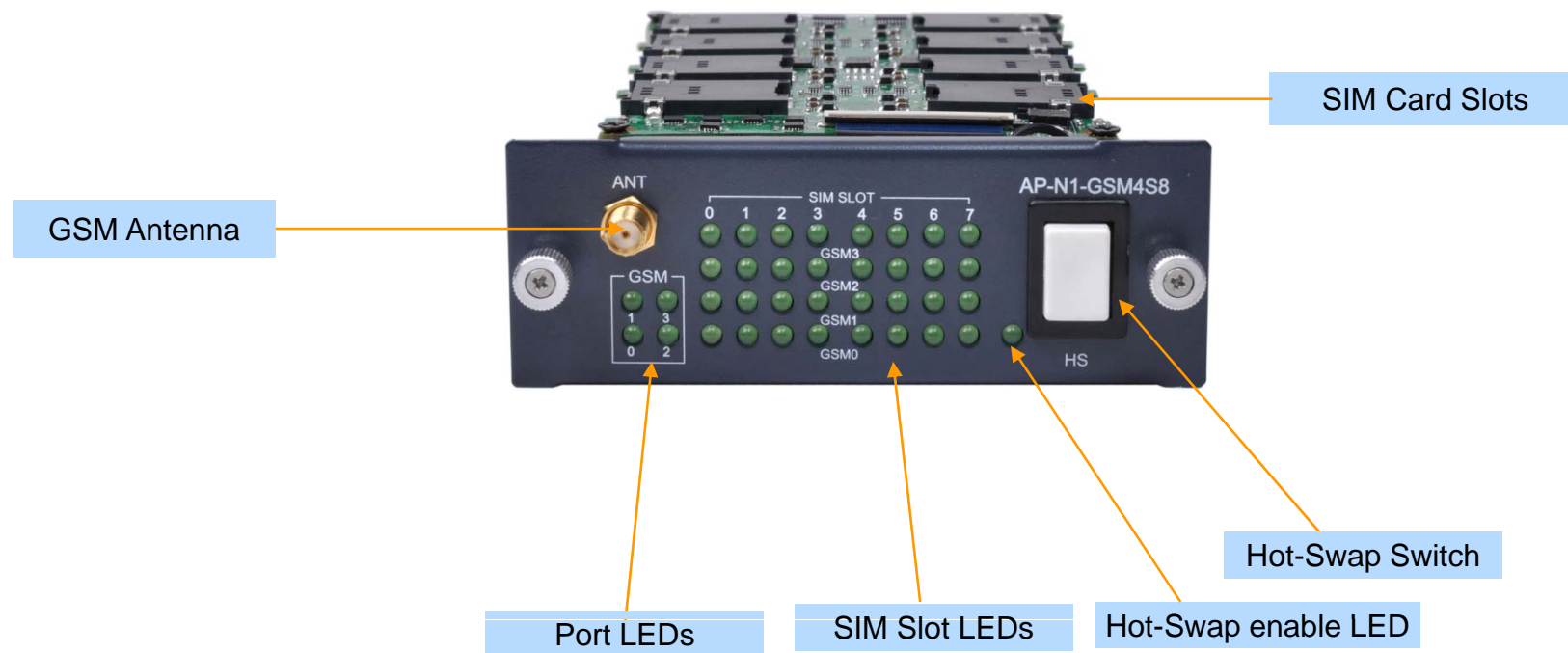
AP-N1-GSM4S4
(4-Port GSM Module, 4 SIM Card Slots per GSM Port)



AP-N1-GSM4S8

Octal(8) SIM Card Slots/GSM Port

AP-N1-GSM4S8
(4-Port GSM Module, 8 SIM Card Slots per a GSM Port)





GSM Multi-SIM Software Features

GSM Multi-SIM S/W Features

- **GSM Multi-SIM Management**
 - Support SIM switching(rotation) method (Period-Based, Call Count-Based)
 - Show SIM hardware & activity status.
- **GSM Multi-SIM Balance Management**
 - Update the latest balance before switching.
 - Show the latest balance for the inactivated SIMs
- **GSM Multi-SIM Switching Log Management**
 - Balance Query Log
 - Switching Event Log
 - Up to 512

GSM Multi-SIM Management

Smart Web Manager
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- System +
- Basic +
- Advanced -
 - Port Control
 - Mobile PINs
 - Mobile USSD
 - **mSIM Manager**
 - mSIM Balance
 - Fax
 - Service
 - Filtering
 - Security
 - Radius
 - SNMP
 - WEB Callback
 - Mobile Callback

Muti SIM Port Management

Port	SIM Ba	Equip	Block	Switch Method	Switch Parameter	Remains.
<input type="checkbox"/>	P8:0	Equip: X 0 0 0	Block: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Period-Based	Period: 1 (30-3600 mins) Calls: (30-3000 calls)	1 mins
<input type="checkbox"/>	P8:1	Equip: X 0 0 0	Block: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Period-Based	Period: 1 (30-3600 mins) Calls: (30-3000 calls)	1 mins
<input type="checkbox"/>			Block: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	None	Calls: (30-3000 calls)	--
<input type="checkbox"/>	P8:3	Equip: 0 0 0 0	Block: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	None	Period: (30-3600 mins) Calls: (30-3000 calls)	--

Apply

Equipment Status
- Show SIM's equipment status.
- '0' means active SIM

Remain time or counts for next switching

Block Status
- Show SIM's Blocking status.
- Operator can block specific SIM(s).

Switching Method & Parameters
- Period-Based (minutes).
- Call Count Based (number of calls)

GSM Multi-SIM Latest Balance

Smart Web Manager
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- System +
- Basic +
- Advanced -
 - Port Control
 - Mobile PINs
 - Mobile USSD
 - mSIM Manager
 - mSIM Balance**
 - Fax
 - Service
 - Filtering
 - Security
 - Radius
 - SNMP
 - WEB Callback
 - Mobile Callback
- Miscellaneous -
 - Port & Call Status
 - System Status
 - Mobile Status
 - Mobile Call Statistics
 - Call Log
 - System Log
 - Ping

Latest Balance for Multi-SIM port

Latest Balance
 - Update Balance before SIM switching.

Port	SIM Number	Switching Mode	Balance Reply	Last Reply Date
P8:0	0	Period: 1 min	Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
	1		activated channel	
	2		Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
	3		Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
P8:1	0	Period: 1 min	Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
	1		activated channel	
	2		Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
	3		Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus(Mins:0.00,	2012/10/09 20:21:18
P8:2	0	None		
	1			
	2		not yet updated	
	3		not yet updated	
P8:3	0	None	activated channel	
	1		not yet updated	
	2		not yet updated	
	3		not yet updated	

Active SIM' Balance can be queried at 'Mobile USSD' WEB.
 - Update Balance before SIM switching.

* Balance Feature Code MUST be set.
 * Switching Mode MUST be set to "Period-Based" or "Call-Counter-Based".
 * Balance is queried before SIM-switching.

GSM Multi-SIM Switching Log

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System +

Basic +

Advanced +

Miscellaneous -

- Port & Call Status
- System Status
- Mobile Status
- Mobile Call Statistics
- Call Log
- System Log
- Ping
- Mobile Band
- BTS Selection
- GSM BTS Info
- Mobile BS Info
- **mSIM Switch Log**

LCR -

- Black & White List
- Time Interval
- Tariff Group
- LCR Test

Multi SIM Switch Log

Multi SIM Switching log

- Switching Event
- Balance Query Event
- Up to 512

Port	Content & Date		
P8:1	SIM is changed from(1) to(2)	2012/10/09 20:32:19	
P8:0	SIM is changed from(1) to(2)	2012/10/09 20:32:19	
P8:1/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:32:18	
P8:0/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:32:18	
P8:1	SIM is changed from(3) to(1)	2012/10/09 20:31:13	
P8:0	SIM is changed from(3) to(1)	2012/10/09 20:31:13	
P8:1/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:31:12	
P8:0/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:31:12	
P8:1	SIM is changed from(2) to(3)	2012/10/09 20:30:07	
P8:0	SIM is changed from(2) to(3)	2012/10/09 20:30:07	
P8:1/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:30:06	
P8:0/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:30:06	
P8:1	SIM is changed from(1) to(2)	2012/10/09 20:29:01	
P8:0	SIM is changed from(1) to(2)	2012/10/09 20:29:01	
P8:1/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:29:00	
P8:0/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:29:00	
P8:1	SIM is changed from(3) to(1)	2012/10/09 20:27:55	
P8:0	SIM is changed from(3) to(1)	2012/10/09 20:27:55	
P8:1/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:27:54	
P8:0/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:27:54	
P8:1	SIM is changed from(2) to(3)	2012/10/09 20:26:49	
P8:0	SIM is changed from(2) to(3)	2012/10/09 20:26:49	
P8:1/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:26:48	
P8:0/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:26:48	
P8:1	SIM is changed from(1) to(2)	2012/10/09 20:25:43	
P8:0	SIM is changed from(1) to(2)	2012/10/09 20:25:43	
P8:1/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:25:42	
P8:0/1	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:25:42	
P8:1	SIM is changed from(3) to(1)	2012/10/09 20:24:37	
P8:0	SIM is changed from(3) to(1)	2012/10/09 20:24:37	
P8:1/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:24:36	
P8:0/3	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:24:36	
P8:1	SIM is changed from(2) to(3)	2012/10/09 20:23:31	
P8:0	SIM is changed from(2) to(3)	2012/10/09 20:23:31	
P8:1/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:23:30	
P8:0/2	[Balance:926.3 BDT Exp:01-01-00,Bought Minutes:0.00 Exp:01-01-70,Bonus (Mins:0.00,SMS:0.)]	2012/10/09 20:23:30	



Thank you!

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