

# SIM Diagnosis for Multi-SIM GSM Gateway



***AddPac***





**AddPac Technology**

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# Multi-SIM GSM Gateway Comparison Table(16port ~) : recommended model

Model	AP-GS916	AP-GS3000	AP-GS3300	AP-GS5000
				
Available Modules	AP-N1-GSM4 AP-N1-FXS8 AP-N1-FXO8 AP-N1-FXS4O4	AP-N1-GSM4 AP-N1-FXS8 AP-N1-FXO8 AP-N1-FXS4O4 AP-N1-E1	AP-N1-E1	AP-N1-GSM8 AP-N1-FXS8 AP-N1-FXO8 AP-N1-E1 AP-N1-2E1
<b>Multi-SIM GSM Modules</b>	<b>AP-N1-GSM4S4</b> <b>AP-N1-GSM4S8</b>	<b>AP-N1-GSM4S4</b> <b>AP-N1-GSM4S8</b>	<b>AP-N1-GSM4S16</b>	<b>AP-N1-GSM8S4</b>
GSM Channel	Up to 16 Ch.	Up to 36 Ch.	Up to 36 Ch.	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-GSM4S16)	Two(2) / 8 Channel GSM Module(AP-N1-GSM8)
Module Slot	Four(4) Module Slots for GSM	Nine(9) Module Slots for GSM	Nine(9) Module Slots for GSM	Ten(10) Module Slots for GSM, E1/T1 Module Slot
LAN Port	2	2	2	2
Console	1	1	1	1
Power	Single PSU	Single PSU	Single PSU(Module)	Dual PSU (module)

# Multi-SIM GSM Modules

Model	AP-N1-GSM2S4	AP-N1-GSM4S4	AP-N1-GSM4S8	AP-N1-GSM4S16	AP-N1-GSM8S4
					
Available Target	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500 AP-GS916	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500 AP-GS916	AP-GS3800 AP-GS3000 AP-GS2800 AP-GS2700 AP-GS2500 AP-GS916	AP-GS3300	AP-GS5000
GSM Channel	2-Port	4-Port	4-Port	4-Port	8-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	16 SIM Card Slots/a GSM Port Total = 16 x 4 = 64	4SIM Card Slots/a GSM Port Total = 4 x 8 = 32
External Antenna	2	1 (Internal Antenna Combiner)	1 (Internal Antenna Combiner)	1 (Internal Antenna Combiner)	2 (Internal Antenna Combiner)
Hot-Swap	Support	Support	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	G.711, G.729, G.723.1,etc	G.711, G.729, G.723.1,etc

# SIM Diagnosis

Smart Web Manager  
www.addpac.com

**SIM Diagnosis**

**Port Selection for Diagnosis**

**Port Selection**

	SLOT(0)	SLOT(1)	SLOT(2)	SLOT(3)	SLOT(4)	SLOT(5)	SLOT(6)	SLOT(7)	SLOT(8)
P(0)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply

**Diagnosis & (Block) State**

- Ed (SIM Detached)
- Et (Timeout)
- Ec (Connect error)
- El (Locked)
- Er (Read Error)
- Es (Switch Error)
- CCF (Consecutive Call Fail)
- CSCD (Consecutive Short Call Duration)

**\* MUST use this function in out of service state !!!**

\* Diagnosis status : **Ed**(Detached) **Et**(Timeout) **Ec**(Non Connect) **El**(Locked) **Er**(Read Error) **Es**(Switch Error)

\* SIM Block Status : **CCF**(Consecutive Call Fails) **CSCD**(Consecutive Short Call Duration) **0**(Normal)

**SIM Diagnosis State**

Port	SIM Bank(0-7)							
P(4:1)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)
P(4:2)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)	Ed (0)

# GSM VoIP Gateway Series

# Thank you!

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