

Voice Gateway FXO Debug Ring Voltage

Concept:

User wants to debug the DAA FXO ring voltage

1. Change to Debug Mode

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Welcome to 2FXS+2FXO VoIP Gateway (version 2.7.1)
=====
Main Menu
=====
WAN Status:Fixed IP (NAT Mode)
VoIP Status:Register Successful(SIP Proxy Mode)
=====
[1] Advanced Setup.
[2] System Administration.
[3] Save Current Configurations.
[4] Upgrade Software.
[5] Ping.
[6] Logout.
[7] Restart.
Please Select 1 - 7:

Enter : _
```

Debug:

In Telnet Mode:

Key in "Ctrl + d", It shows Prompt character "Enter:"

Key in "si3050", it shows bellowed and select "1"

Login :

Welcome to 3FXS+1FXO VoIP Gateway (version 2.8.8L)

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Main Menu

=====

WAN Status:Fixed IP (NAT Mode)
VoIP Status:Register Fail(SIP Proxy Mode)
Call by VoIP(Internet)

=====

[1] Advanced Setup.
[2] System Administration.
[3] Save Current Configurations.
[4] Upgrade Software.
[5] Ping.
[6] Logout.
[7] Restart.
Please Select 1 - 7:↓

Enter :

1. Si3050 register
2. Memory Dump

'Esc' to exit.
Choose one item(1-2) : 1

Si3050

After enter debug mode:

read <dev> <reg>

<dev> -----> port number

For 4 port gateway

Port 1 : <dev> = 4

Port 2 : <dev> = 5

Port 3 : <dev> = 6

Port 4 : <dev> = 7

For 8 port gateway



PLANET Technology Corporation

11F, No. 96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C.

Tel: 886-2-2219-9518 Fax: 886-2-2219-9528

Email: sales@planet.com.tw Web site: <http://www.planet.com.tw>

VoIP Gateway: vip.planet.com.tw

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Port 1 : <dev> = 0
Port 2 : <dev> = 1
Port 3 : <dev> = 2
Port 4 : <dev> = 3
Port 5 : <dev> = 4
Port 6 : <dev> = 5
Port 7 : <dev> = 6
Port 8 : <dev> = 7

<reg>-----> register value
Ring Voltage register = 29

Command

si3050>read 4 29 <-key in enter **when ring come in**

Meanwhile, please collect the machine internal debug information for the FXO application on your side. (Please use the Microsoft HyperTerminal to record all the messages **in text files**, the screenshots made the checking difficult. And we need the information of the caller and called party, please be sure to attach this information in the files, thank you.



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11F, No. 96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C.
Tel: 886-2-2219-9518 Fax: 886-2-2219-9528
Email: sales@planet.com.tw Web site: <http://www.planet.com.tw>
VoIP Gateway: vip.planet.com.tw

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