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????? [http://www.welltech.com/p\\_17x\\_c.htm](http://www.welltech.com/p_17x_c.htm)

<p>???????</p>	<ul style="list-style-type: none"> <li>• SIP RFC 3261             <ul style="list-style-type: none"> <li>? ??? Proxy??</li> <li>? ?? Outbound Proxy</li> <li>? ??Proxy IP???????</li> </ul> </li> <li>• IP/ICMP/ARP/RARP/SNTP</li> <li>• TFT Client/DHCP Client/PPPoE Client</li> <li>• Telnet/HTTP Server</li> <li>• DNS Client</li> <li>• ??NAT??             <ul style="list-style-type: none"> <li>? STUN</li> <li>? UPnP</li> </ul> </li> <li>• ??TOS</li> <li>• ???             <ul style="list-style-type: none"> <li>? HTTP1.1basic/digest authentication for Web setup</li> <li>? MD5 for SIP authentication (RFC2069 / RFC2617)</li> </ul> </li> </ul>
<p>????</p>	<ul style="list-style-type: none"> <li>• ????:??,????,?????</li> <li>• ??Consultant Transfer &amp; Blind Transfer</li> <li>• ??Hold</li> <li>• ???Call waiting</li> <li>• ????</li> <li>• ????</li> <li>• ???</li> </ul>

	<ul style="list-style-type: none"> <li>• ???</li> <li>• Flash</li> </ul>
<p>????</p>	<ul style="list-style-type: none"> <li>• AC??             <ul style="list-style-type: none"> <li>? 110~240V±10V</li> <li>? 60Hz±3Hz</li> </ul> </li> <li>• ??             <ul style="list-style-type: none"> <li>? ??:0oC~40oC</li> <li>? ??:10%~90%RH</li> </ul> </li> </ul>
<p>????</p>	<ul style="list-style-type: none"> <li>• Web Browser</li> <li>• Telnet</li> <li>• ????</li> <li>• TFTP</li> <li>• HTTP</li> </ul>
<p>????</p>	<ul style="list-style-type: none"> <li>• ??????             <ul style="list-style-type: none"> <li>? G.711:64k bit/s(PCM)</li> <li>? G.726:16k/24k/32l/40k bit/s(ADPCM)</li> <li>? G.729A:8k bit/s (CS-ACELP)</li> <li>? G.729B</li> </ul> </li> <li>• ????:Voice Activity Detection</li> <li>• ??????:Comfort Noise Generation</li> <li>• ??????:Line Echo Canceller</li> <li>• ??????:Packet Loss Compensation</li> <li>• DTMF             <ul style="list-style-type: none"> <li>? In-Band DTMF</li> <li>? Out-Band DTMF</li> <li>? SIP Info</li> </ul> </li> <li>• Tone             <ul style="list-style-type: none"> <li>? ???</li> <li>? ???</li> <li>? ???</li> <li>? ???</li> <li>? Programming Tone</li> </ul> </li> </ul>

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- ?? WAN IP ???# 126 #
- ?? LAN IP ???# 120 #

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?????http://xxx.xxx.xxx.xxx:9999/

???????root / test

SIP > Service

- Realm: 1
- Realm Active: Enable
- Display Name: ???
- Phone Number: ????
- Authentication ID: ????
- AuthenticationPassword: ????
- Domain Server: ??????
- Proxy Server: ??????
- Subscribe for MWI: Disable

SIP > Advanced

- Only Accept Trusted Certificates: Enable  
????????????????????????????????

**FXO ??? FreePBX**

??ATA-171M ? FXO ????? FreePBX ? Trunk Gateway ????? FXS?Phone Port???????????????????? FXO?

FreePBX)

Trunks > Add SIP Trunk  
 Trunk Name?welltech\_fxo  
 PEER Details?

host=dynamic  
 secret=ThisIsPassword  
 type=friend

Outbound Routes > Add Route  
 Route Name?<whatever>  
 Trunk Sequence?welltech\_fxo

Inbound Routes > Add Incoming Route  
 Description?<whatever>  
 DID Number?12345678 ;? ATA-173M ????

Set Destination?<whatever>

ATA-173M)

SIP Register?

SIP > Service >

- Realm = 1
- Realm Active = Enable
- Display Name = welltech\_fxo ; FreePBX ? Trunk Name
- Phone Number = welltech\_fxo ; FreePBX ? Trunk Name
- Authentication ID = welltech\_fxo ; FreePBX ? Trunk Name
- Authentication Password = ?? ; FreePBX ? secret
- Domain Server = FreePBX IP
- Proxy Server = FreePBX IP

for Outbound Call?

Phone > Genral >

- Auto Answer Type = Trunk Gateway

for Inbound Call?

Phone > Call Service >

- Forward Type = Always
- Forward Number = 12345678
- Ring = 3

### ???? Auto Provisioning

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1. ???? MakeMACF2\_1.exe ?????????????????????? YourMAC.dat?
2. ? YourMAC.dat ??? VoIP gateway ??????????ATA-171M ?? TFTP/HTTP/FTP?
3. ?????????????????????? Management > Auto Provision

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- ???
- ???
- AutoConfigVersion=2
- ?????????? ??? ?????????????????????? ?????????????????????????
- ?????????????????????????????????????
- ????????????????????????????????????? welltech?

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- ?????MACLIST.txt  
????????????????????????????????
- ?????MyATA-171M\_CFG.txt  
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Q: ???????????

Line parse error on line:13 >>> New Configuration File exist, Maybe duplicate MAC address in the input file !!!

A: ?????????? YourMac.dat ??????????????

Q: ?????????????????????????????

- ????????????????????????????? 3-4 ?????
- ?????????? Management > Status Log ?????????????????