



WELLTECH

IAD 162

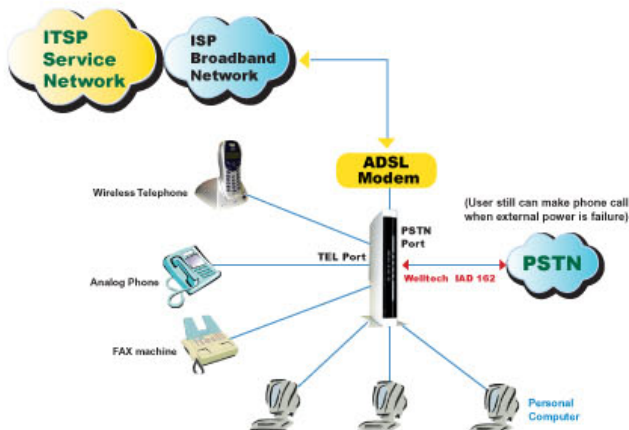
with PSTN port and SOHO Router

**Two telephone numbers in one device !
Data and voice integrated in one device!**



IAD 162

The IAD 162 provides two telephone numbers that one is IP telephone number and another is PSTN telephone number in one device for end users. You can make phone call via Internet or PSTN in one telephone set now. No more long distance and international telephony fee! Especially, User still can make phone call when external power is failure. The IAD 162 also connects three computers without another IP sharing as showed as following diagram.



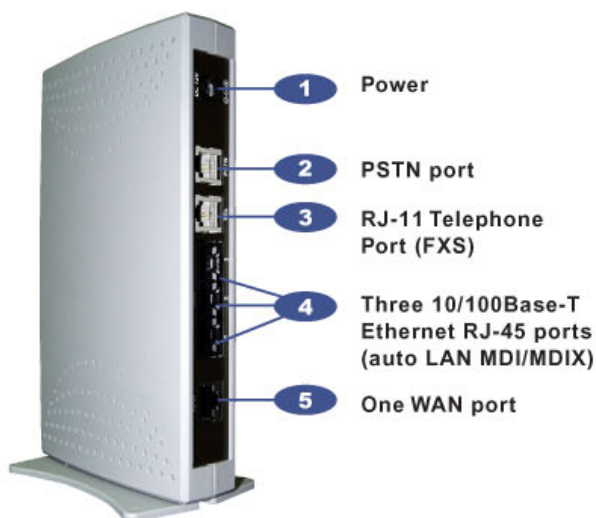
Network and Telephony Interface :

Model	WAN port	LAN port	FXS RJ-11 port	PSTN port
IAD 162	1	3	1	1

Key Features:

- Provide Voice over IP and Fax over IP features.
- Both H.323 and SIP compliance
- Built-in NAT/IP sharing function
- Provide both IP telephone number and PSTN telephone number in one device for end users
- PSTN backup: user still can make phone call when external power is failure
- Provided call features: Hold, forward and transfer
- Automatically FAX detection
- Support T.38 protocol
- Codec: G.711 a/ μ law, G.723.1, G.729A
- PPPoE connection
- VAD (Voice Activity Detection), CNG (Comfort Noise Generate)
- G.168/165 echo cancellation
- FSK and DTMF Caller ID
- The plastic housing can be adjustable by manual (Vertical type or Horizontal type)

Back Panel



Specification:

Protocol	<ul style="list-style-type: none"> ● ITU-T H.323 v2/v3/v4 compliance ● IP RFC3261
Supplementary service	<ul style="list-style-type: none"> ● H.450 (Call Hold, Call Transfer, Call forward)
FAX support	<ul style="list-style-type: none"> ● Automatically FAX detection ● Support T.38 protocol
Codec	<ul style="list-style-type: none"> ● G.711 a/Eglaw, G.723.1, G.729A
Network Interface	<ul style="list-style-type: none"> ● Three 10/100Base-T Ethernet RJ-45 ports (auto LAN MDI/MDIX) ● One WAN port
FXS Interface	<ul style="list-style-type: none"> ● One RJ-11 Telephone port (FXS) ● One PSTN port
Voice Quality	<ul style="list-style-type: none"> ● VAD (Voice Activity Detection) ● CNG (Comfort Noise Generation) ● G.165/G.168 compliant echo cancellation ● Programmable Dynamic Jitter Buffer ● Bad Frame Interpolation ● Provide both in-band and out of band DTMF generation/detection ● Gain/Attenuation Settings ● G.165/G.168 compliant echo cancellation ● Provide Progress Tone: Dial tone, busy tone, 2nd dial tone, call-holding tone and ring-back tone
QoS	<ul style="list-style-type: none"> ● TOS
Caller ID	<ul style="list-style-type: none"> ● Generation (FSK)
Tone	<ul style="list-style-type: none"> ● DTMF / CPT (Call Progress Tone) generation/detection
TCP/IP	<ul style="list-style-type: none"> ● Support Fixed IP and DHCP
ADSL Environment	<ul style="list-style-type: none"> ● PPPoE
Security	<ul style="list-style-type: none"> ● Support H.235 security function
Configuration & management	<ul style="list-style-type: none"> ● TELNET, Web Browser and Welltech "installation wizard"
Upgrade	<ul style="list-style-type: none"> ● Firmware upgrade through network by TFTP/FTP
Power	<ul style="list-style-type: none"> ● Input AC 100V~240V Output DC12V
Certification	<ul style="list-style-type: none"> ● CE, FCC
Operation Temp	<ul style="list-style-type: none"> ● 5°C to 40°C
Humidity	<ul style="list-style-type: none"> ● 10% to 90% (Non-condensing)
Chassis	<ul style="list-style-type: none"> ● Dimension: 190mm(H) x 110mm(W) x 51.5mm(D) ● Weight (unit): 0.3 kg

Welltech Computer Co., Ltd.
 13F-4, No.150, Jian Yi Road,
 Chung-Ho, Taipei, Taiwan
 Tel: +886-2-82265699
 Fax: +886-2-82265799
 E-mail: sales@mail.welltech.com.tw
 Http://www.welltech.com.tw