

WellGate 1501

WellGate 1501 is a one-port telephone extension and four-port Switch/Hub to IP network gateway. It provides data transfer, telephone services and T.38 fax over IP network with easy operation and configuration. It is most suitable for SOHO and small-to-medium enterprise in Internet communication environment. TELNET/ Web and COM port interface provide local / remote configuration, Management, and software upgrade.

Benefits

- Easy access to IP from phone set or PBX
- Cost Saving - Telephone call from VPN or public Internet
- Follows the existing telephone call dial plan
- Easy interface to ADSL/Cable Modem or Leased line equipment
- Easy to integrate with all kinds of IP-PBXs



Specification

	H.323 Version	SIP version
Protocol	<ul style="list-style-type: none"> ● ITU-T H.323 v2/v3/v4 compliance 	<ul style="list-style-type: none"> ● SIP RFC3261
Compatible Server	<ul style="list-style-type: none"> ● GunGK (Behind NAT) 	<ul style="list-style-type: none"> ● OpenSER, Asterisk
Supplementary Service	<ul style="list-style-type: none"> ● H.450 (Call Hold, Call Transfer, Call forward) 	<ul style="list-style-type: none"> ● Call Hold ● Call Transfer ● Call Forward
FAX support	<ul style="list-style-type: none"> ● Automatically FAX detection ● Group 3 Fax relay at 2.4 - 14.4 kbps ● Support T.38 protocol 	<ul style="list-style-type: none"> ● Automatically FAX detection ● Group 3 Fax relay at 2.4 - 14.4 kbps ● Support T.38 protocol
Audio Codec Support	<ul style="list-style-type: none"> ● G.711A/μ-law, G.723.1, G.729, G.729A, G.729B, G.729AB 	<ul style="list-style-type: none"> ● G.711A/μ-law, G.723.1, G.729, G.729A
Network Interface	<ul style="list-style-type: none"> ● Four 10/100Base-T Ethernet RJ-45 ports (auto LAN MDI/MDIX) 	<ul style="list-style-type: none"> ● Four 10/100Base-T Ethernet RJ-45 ports (auto LAN MDI/MDIX)
FXS Interface	<ul style="list-style-type: none"> ● One RJ-11 Telephone port (FXS) ● Programmable AC impedance, Feeding voltage, Ring Voltage, Ring Cadence, Loop current and call progress tone ● ON-Hook Voltage: 48Vdc ● Ring Voltage: 50 V RMS ● Loop Current: Constant 23mA 	<ul style="list-style-type: none"> ● One RJ-11 Telephone port (FXS) ● Programmable AC impedance, Feeding voltage, Ring Voltage, Ring Cadence, Loop current and call progress tone ● ON-Hook Voltage: 48Vdc ● Ring Voltage: 50 V RMS ● Loop Current: Constant 23mA
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 	<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



	<ul style="list-style-type: none"> ● Gain/Attenuation Settings ● Provide Progress Tone: Dial tone, busy tone, 2nd dial tone, call-holding tone and ring-back tone 	<ul style="list-style-type: none"> ● Gain/Attenuation Settings ● Provide Progress Tone: Dial tone, busy tone, 2nd dial tone, call-holding tone and ring-back tone
QoS	<ul style="list-style-type: none"> ● QoS by setting DSCP (Differentiated Service Code Point) parameters of VoIP packet 	<ul style="list-style-type: none"> ● QoS by setting DSCP (Differentiated Service Code Point) parameters of VoIP packet
Caller ID	<ul style="list-style-type: none"> ● FSK (Bellcore)/DTMF generation 	<ul style="list-style-type: none"> ● FSK (Bellcore)/DTMF generation
Console Port	<ul style="list-style-type: none"> ● One DB-9 RS-232 COM port ● DTMF / CPT (Call Progress Tone) generation/detection 	<ul style="list-style-type: none"> ● One DB-9 RS-232 COM port ● DTMF / CPT (Call Progress Tone) generation/detection
Network Support	<ul style="list-style-type: none"> ● Statically and DHCP for IP address assignment. ● Behind NAT Router or IP sharing device ● PPPoE 	<ul style="list-style-type: none"> ● Statically and DHCP for IP address assignment. ● Behind NAT Router or IP sharing device ● PPPoE
Security	<ul style="list-style-type: none"> ● Command line interface and Web management interface Password protected 	<ul style="list-style-type: none"> ● Command line interface and Web management interface Password protected
Configuration & Management	<ul style="list-style-type: none"> ● Console port, TELNET and Web Browser 	<ul style="list-style-type: none"> ● Console port, TELNET and Web Browser
System Upgrade	<ul style="list-style-type: none"> ● Firmware upgrade through network by TFTP/FTP 	<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 	<ul style="list-style-type: none"> ● Input AC 100V~240V Output DC12V
Operation Temp	<ul style="list-style-type: none"> ● 5° C to 40° C 	<ul style="list-style-type: none"> ● 5° C to 40° C
Humidity	<ul style="list-style-type: none"> ● 10% to 90% (Non-condensing) 	<ul style="list-style-type: none"> ● 10% to 90% (Non-condensing)
Dimension	<ul style="list-style-type: none"> ● Dimension: 165mm(W) x 29mm(H) x 139mm(D) 	<ul style="list-style-type: none"> ● Dimension: 165mm(W) x 29mm(H) x 139mm(D)
Weight	<ul style="list-style-type: none"> ● Weight (unit): 1 kg 	<ul style="list-style-type: none"> ● Weight (unit): 1 kg

