

WellGate 3701B / 3702B (FXS+FXO)

WellGate 3701B/3702B is a one-port/two-port FXS + FXO gateway and support H.323 v2/v3/v4 or SIP RFC 3261 protocol. It supports an innovative intelligent call routing function that transparently routes calls to destination either through PSTN or internet. WellGate 3701B/3702B provides Voice over IP and FAX over IP services for ITSP / ISP (Internet Telephony Services Provider) and Office / SOHO IP-PBX application.

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 | ● ITU-T H.323 v2/v3/v4 compliance | ● SIP RFC3261 |
| Compatible Server | ● GnuGK(Behind NAT) | ● OpenSER, Asterisk |
| Telephony Features | ● Call Hold, Call Transfer, Call Forward (H.450) | ● 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 ● Support T.38 ECM: Error correction during the high speed mode ● Support T.38 FAX Redundancy Depth ● Support Abstract Syntax Notation 1 (ASN.1) ● G.711 FAX Mode | <ul style="list-style-type: none"> ● Automatically FAX detection ● Group 3 Fax relay at 2.4 - 14.4 kbps ● Support T.38 protocol ● Support T.38 ECM: Error correction during the high speed mode ● Support T.38 FAX Redundancy Depth ● Support Abstract Syntax Notation 1 (ASN.1) ● G.711 FAX Mode |
| Audio Codec Support | ● G.711A/μ-law, G.723.1, G.729A, G.729 G.729B, G.729AB | ● G.711A/μ-law, G.723.1, G.729A, G.729 G.729B, G.729AB |
| Network Interface | ● Two 10/100Base-T Ethernet RJ-45 port | ● Two 10/100Base-T Ethernet RJ-45 port |
| FXS Interface | <ul style="list-style-type: none"> ● One Telephone (FXS) RJ-11 port for WellGate 3701B ● Two Telephone (FXS) RJ-11 ports for WellGate 3702B | <ul style="list-style-type: none"> ● One Telephone (FXS) RJ-11 port for WellGate 3701B ● Two Telephone (FXS) RJ-11 ports for WellGate 3702B |
| FXO Interface | <ul style="list-style-type: none"> ● One Analog PSTN (FXO) RJ-11 port for WellGate 3701B ● Two Analog PSTN (FXO) RJ-11 ports for WellGate 3702B | <ul style="list-style-type: none"> ● One Analog PSTN (FXO) RJ-11 port for WellGate 3701B ● Two Analog PSTN (FXO) RJ-11 ports for WellGate 3702B |
| FXS Features | <ul style="list-style-type: none"> ● Support auto-attendant (Tone or voice greeting) ● PSTN polarity reversal detection | <ul style="list-style-type: none"> ● Support auto-attendant (Tone or voice greeting) ● PSTN polarity reversal detection |

| | | |
|----------------------------|---|---|
| | <ul style="list-style-type: none"> ● Provide 2nd dial tone to PSTN ● Disconnect tone detection | <ul style="list-style-type: none"> ● Provide 2nd dial tone to PSTN ● Disconnect tone detection |
| FXO Features | <ul style="list-style-type: none"> ● Support auto-attendant (Tone or voice greeting) ● PSTN polarity reversal detection ● Provide 2nd dial tone to PSTN ● Disconnect tone detection | <ul style="list-style-type: none"> ● Support auto-attendant (Tone or voice greeting) ● PSTN polarity reversal detection ● Provide 2nd dial tone to PSTN ● Disconnect tone detection |
| Voice | <ul style="list-style-type: none"> ● VAD (Voice Activity Detection) ● CNG (Comfort Noise Generation) ● AEC (Acoustic Echo Cancellation) -- G.168/165 ● Dynamic Jitter Buffer ● Completed voice band signaling support ● Provide In-band or Out-band DTMF generation/detection | <ul style="list-style-type: none"> ● VAD (Voice Activity Detection) ● CNG (Comfort Noise Generation) ● AEC (Acoustic Echo Cancellation) -- G.168/165 ● Dynamic Jitter Buffer ● Completed voice band signaling support ● Provide In-band or Out-band DTMF generation/detection |
| 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 detection and generation | <ul style="list-style-type: none"> ● FSK(Bellcore)/DTMF detection and generation |
| Console Port | <ul style="list-style-type: none"> ● 1 D-SUB 9 pin RS-232 port | <ul style="list-style-type: none"> ● 1 D-SUB 9 pin RS-232 port |
| Tone | <ul style="list-style-type: none"> ● Provide call progress tone | <ul style="list-style-type: none"> ● Provide call progress tone |
| Network Support | <ul style="list-style-type: none"> ● Support Fixed IP and DHCP ● PPPoE ● Behind NAT Router or IP sharing device | <ul style="list-style-type: none"> ● Support Fixed IP and DHCP ● PPPoE ● Behind NAT Router or IP sharing device |
| Configuration & Management | <ul style="list-style-type: none"> ● Console port, TELNET and Web Browser configuration | <ul style="list-style-type: none"> ● Console port, TELNET and Web Browser configuration |
| System Upgrade | <ul style="list-style-type: none"> ● TFTP/FTP software upgrade | <ul style="list-style-type: none"> ● TFTP/FTP software upgrade |
| 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 and Weight | <ul style="list-style-type: none"> ● Dimension: 223mm(W) x 35mm(H) x 152mm(D) ● Weight (unit): 1.4 kg | <ul style="list-style-type: none"> ● Dimension: 223mm(W) x 35mm(H) x 152mm(D) ● Weight (unit): 1.4 kg |

