

4G VoIP Terminal SS-111-4GW

with 4G 1SIM, 1 port FXS + 1 port FXO & WIFI AP



(Front Side)



(Back Side)

Description

SS-111-4GW is a multi-functional terminal, integrating voice (PSTN, VoIP) and data service (LTE 4G/WCDMA 3G). It provides 3 voice interfaces (LTE/ GSM, FXS and FXO), offering seamless connectivity to VoIP Network, PLMN and PSTN.

Based on SIP, it can interact with VoIP network and supports GSM/ 3G WCDMA/ 4G LTE frequency,

SS-111-4GW supports WiFi and high-speed data-handling capacity, allowing users to enjoy high-speed internet surfing through WiFi or the LAN port.

With VPN transparent transfer function, **SS-111-4GW** is ideally suitable for personal and SOHO or small office use.

Production information

Model	Description
SS-111-4GW	1 LTE SIM, 1 FXO, 1 FXS, WIFI, 1 WAN 3 LAN, Built in SIP Server
SS-101-4GW	1 LTE SIM, 1 FXS, WIFI, 1 WAN 3 LAN, Built-in SIP Server

Key Features	<ul style="list-style-type: none"> • FXS/FXO/GSM/LTE interface on a single device • Send/receive calls from PSTN/ PLMN via FXO/GSM/LTE • Flexible dial plan, via time, numbers, source IP etc. • IVR customization • High speed NAT forwarding, support WIFI hotspot • Built-in SIP server, support up to <u>32 SIP Extensions</u> • User-friendly web interface, multiple management ways
Physical Interfaces	<ul style="list-style-type: none"> • FXS Port: 1 • FXO Port: 1 • SIM Slot: 1 • Ethernet Interface: 1 WAN & 3 LAN 10/100 Base-T RJ45 • WIFI: 2.4GHz 802.11b/g/n, 2T2R
Voice Capabilities	<ul style="list-style-type: none"> • VoIP Protocols: SIP over UDP/TCP/TLS, SDP, RTP/SRTP • Codec: G.711a/μ law, G.723.1, G.729A/B, iLBC, G.726 • Silence Suppression • Comfort Noise Generator (CNG) • Voice Activity Detection (VAD) • Echo Cancellation: G.168 with up to 128ms • Dynamic Jitter Buffer • Adjustable Gain Control • Automatic Gain Control (AGC) • Call Progress Tones: Dial Tone, Ring Back Tone, Busy Tone • FAX: T.38 and Pass-through • NAT: STUN/ UPnP • DTMF: RFC2833/ SIP Info/ In-band
FXS	<ul style="list-style-type: none"> • Connector: RJ11 • Caller ID: Bellcore Type 1&2, ETSI, BT, NTT and DTMF • Answer & Disconnect Signaling: Answer, Disconnect, Busy Tone • Polarity Reversal • Hook Flash

FXO	<ul style="list-style-type: none"> • Connector: RJ11 • Caller ID: FSK, DTMF • Polarity Reversal • Answer Delay • Busy Tone Detection • No Current Detection
Mobile	<ul style="list-style-type: none"> • GSM/GPRS/EDGE: 900/1800MHz • WCDMA (3G): UMTS/HSDPA/HSPA+ B1/B8 TD-SCDMA B34/ B39 • LTE (4G): TDD-LTE B38/B39/B40/B41 FDD-LTE B1/B3/B7/B8 • SIM/ USIM: 1 USIM per Channel • SIM Card: 1.8V, 3.0V • Antenna: 3.0dB, SMA Interface • SMS/ USSD
Supplementary Services	<ul style="list-style-type: none"> • Call Forward (Unconditional/No Answer/Busy) • Call Waiting • Call Hold • Call Transfer • Hotline • Do-not-disturb • 3 Way Conference
Software Features	<ul style="list-style-type: none"> • Ring Group • Routing Groups • Caller/Called Number Manipulation • Routing Base on Time Period • Routing Base on Caller/Called Prefixes • Routing Base on Source Trunks • Dial Rules • Failover Routing • FXO Impedance Auto Match • IVR Customization • Auto Attendant Function • CDRs
Maintenance	<ul style="list-style-type: none"> • Web GUI Configuration • Telnet Management

	<ul style="list-style-type: none"> • Configuration Restore/Backup • Multiple Languages Supported • HTTP/TFTP/FTP Firmware Upgrade • Auto Provision • CDR Report and Export • Syslog • Ping and Tracert • Traffic Statistics: TCP,UDP,RTP • Network Capture • NTP
<p>Environmental</p>	<ul style="list-style-type: none"> • Power Supply: 12VDC, 1A • Power Consumption: 10W • Operating Temperature. 0 °C ~ 45 °C Storage Temperature: -20 °C ~80 °C • Humidity: 10%-90% Non-Condensing • Dimensions (W/D/H): 126x75x25mm • Unit Weight: 0.7kg



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