

Liwal Smart IP PBX LA3-E100

This compact, lightweight, stylish mini smart IP PBX is the new generation Unified Communication exchange with full features.

Designed for SOHO Users, Small and Medium Enterprises with up to 30 employees. Compatible with multiple platforms and terminals for a seamless connectivity to PSTN, VOIP and Mobile Networks.



SPECIFICATIONS

PSTN FXO Ports	2 FXO Landline Ports for traditional telephone networks (PSTN)
FXO Features	RJ11Interface, Caller ID Detection: FSK, DTMF, Reversed-Polarity Detection, Delayed Response Off-hook, Busy Tone Detection, No Current Hang-up Detection
GSM Sim Card Slot	1 GSM Sim Card Slot for Cellular networks
Micro SD Card Slot	1 Micro SD Card Slot
GSM Mobile Features	GSM:850/900/1800/1900MHz, SIM/UMI: Each Channel supports 1 SIM/UMI, SIM Card Voltage: 1.8V, 3.0V, Antenna: 3.0dB, SMA Interface
Network Interface	Dual 10/100 Mbps Ethernet Ports
Voice Features	VoIP Protocols: SIP over UDP/TCP/TLS, SDP, RTP/SRTP, PPTP VPN, Supported Codecs: G.711μ/a Law, G.723.1, G.729A/B, GSM, G.726, G.722, SPEEX, ADPCM, iLBC, Silence Suppression, Comfort Noise Generator (CNG), Voice Activity Detection (VAD), Echo canceller(G.168), Maximum 128ms, Adaptive Dynamic Buffering, Adjustable Gain Control, Automatic Gain Control, Call Proceeding Tone: Dial Tone, Ring-back Tone, Busy Tone, Support NAT Traversal. DTMF Mode: RFC2833/Signal/Inband
Software Features	Ring Group, Routes Group, Calling/Called Number Transform, Time Condition, Based on Destination Routing, Based on Source Routing, Dial Plan, Failover Routing, FXO Impedance Matching, Customizable Multi-language IVR, Auto Attendant Function, Local CDR Storage
Management and Maintenance	Liwal Web GUI Management Portal, CLI Management Configuration, Support Configuration files backup and upload, Firmware Update by HTTP/TFTP, Auto Provision Update, Modify Password via Web & Telnet, CDR Query & Export, Syslog Query & Export, Ping and Tracer Test, Traffic Statistics: TCP, UDP, RTP, Network Capture/ Quality Test, Automatic Time Synchronization, 3.5mm Audio ports, Reset Switch, LED Indicators
Other Call Features	Call Forwarding (Unconditional, No Reply, Busy, Not Reachable), Call Waiting, Holding, Call Transfer, Group Pickup, Hotline, Do Not Disturb (DND), Call Recording, Voicemail
Call Capacity	Registered SIP Devices (IP Phones)/Users (Soft Clients): Up to 32, SIP Concurrent Calls: Up to 15 (G.711 μ/a), Up to 5 (G.729), 15 Call Attendees
Power	Universal Power Adapter 100-240VAC 50-60Hz, DC Power Input 12V DC 1.5A, Maximum power consumption: 12W
Environment	Operation Temperature: 0~45°C, Operation Humidity: 10~90% Non-condensing, Storage Temperature: -20~80°C
Package	LA3-E100 IP PBX, Power Adapter, Ethernet Cable, Antenna, 16GB microSD Card
Physical	Dimensions: 160 x 105 x 24 mm (L x W x H), Weight: 0.5 Kg