



An analog voice gateway for Linksys One communications solutions

Linksys One is a complete, affordable, easy-to-install communications solution for growing businesses, delivering telephones, data networking, applications, and the Internet through one high-speed connection from a single provider. Business class communications services are delivered by a Linksys One Services Router, which requires only one internet connection for all services - including low-cost phone service. One Linksys One Services Router is the core for your network and is present in all Linksys One solutions. The VGA2000 provides a means of connecting to legacy analog FAX machines or phones as well as providing a local connection to the public telephone network for emergency services calls.

Linksys One technology is automatic and self-configuring – plug in a Linksys One voice gateway to a Linksys One Ethernet switch port and your business is ready to communicate. The Linksys One VGA2000 analog voice gateway allows connection of one analog FAX machine or phone to the network. A second port allows connection to the public telephone network.

If the broadband internet connection is disrupted, an emergency services (911) call can still be directed from any telephone on the site to emergency services agents. A 10/100 port provides wired local area network access. This port is capable of accepting IEEE POE and fully powering the voice gateway under all operational conditions. The VGA2000 must be connected to a Linksys One-enabled switch port. Operation of a VGA2000 analog voice gateway requires the installation, configuration and operation of one Linksys One services router (such as the SVR3000) at the same site.

Software running on the VGA2000 interacts with provisioning, management and security software hosted on the site's services router. This interaction provides a simple, one-step installation and access to web-administered management features. Simple, affordable network operations throughout the network's lifetime are the result.

Simple, automated installation with Linksys One Services Routers



One analog phone or FAX connection, one analog connection to the public telephone



Accepts IEEE802.3af PoE from connected Linksys One switch port



Integrated call processing features with security, management, QoS

Analog Voice Gateway, 1 FXS, 1 FXO

Model No. VGA200

Features

- Simple, one-step automated voice/data installation and initial configuration
- Interacts with site's Services Router for simplified management, security and QoS configuration
- One line port for connection to public telephone network
- One phone port for connection to analog phone or FAX machine
- T.38 FAX support on each port
- G.729 encode/decode support on each port
- VLAN tagging IEEE 802.1p and DSCP marking for QoS

Specifications

Model	VGA2000 analog voice gateway
Standards	IEEE 802.3, 802.3af, 802.1p
Ports	1 10/100 RJ-45 LAN port, 1 analog FXO RJ11 (line) port, 1 analog FXS RJ11 (phone) port, (optional) local ac/dc power adapter port
Cabling Type	Cat5 or better
LEDs	System, Phone, Line
Security features	Embedded digital certificate

Environmental

Dimensions	12.01" x 1.38" x 6.50" (305 mm x 35 mm x 165 mm)
Unit Weight	1.1 lbs. (0.5 kg)
Power	48VDC
Certification	UL (UL 1950), CSA (CSA 22.2), CE mark, EN60950 (2001)
Operating Temp.	32° F to 104° F (0° C to 40° C)
Storage Temp.	-40° F to 158° F (-40° C to 70° C)
Operating Humidity	20 to 95% Non-Condensing
Storage Humidity	5 to 90% Non-Condensing

Package Contents

- VGA2000 voice gateway
- Ethernet cable
- Phone cable
- Quick-Start Installation Guide

Linksys
A Division of Cisco Systems, Inc.
18582 Teller Avenue
Irvine, CA 92612 USA

E-mail: sales@linksys.com
support@linksys.com

Web: <http://www.linksysOne.com>

Specifications are subject to change without notice.