



Ojo Vision Digital Video Phone Non-Residential Environments

The Ojo Vision Digital Video Phone is configured for most residential network environments. Some enterprise-grade firewalls in businesses, hotels and other non-residential settings may affect the Ojo Vision Digital Video Phone's ability to access the Internet.

This document describes how to configure the Ojo Vision Digital Video Phone in a typical firewall-based network environment.

Firewall Configuration

Some firewalls may block certain ports required by the Ojo Vision Digital Video Phone to operate correctly. On the firewall device, be sure to enable the following:

Inbound and Outbound:

- UDP 5065-5066 (SIP registration port)
- UDP 5000-5001, 9000-9201 (RTP Media port range)

Public IP Address/DMZ/ALG

- Assigning a public IP address and placing the Ojo Vision Digital Video Phone outside your firewall's external interface is an easy alternative to making changes to your firewall.
- Configuring your firewall so the Ojo Vision Digital Video Phone is in the "Demilitarized Zone" or DMZ of your firewall is an effective means of opening necessary ports.
- Some firewalls may have an Application Layer Gateway (ALG) to support the SIP protocol. We recommend this function is disabled for use with the Ojo Vision Digital Video Phone.

DHCP / IP Addressing

By default, the Ojo Vision Digital Video Phone will look for a DHCP server to obtain an IP address. As an alternative, you can manually specify a static IP address within the Ojo Vision Digital Video Phone. For details, see the Ojo Vision Digital Video Phone User Manual on www.ojosupport.com.

Bandwidth

The Ojo Vision Digital Video Phone default bandwidth setting is configured for 256 kbps. For optimal digital video phone performance, we recommend a minimum of 365 kbps upload speed per digital video phone call.

The Ojo Vision Digital Video Phone bandwidth utilization can also be reduced. For details on changing the bandwidth settings, see the Ojo Vision Digital Video Phone User Manual.

Ojo Vision Digital Video Phone and PBXs

The Ojo Vision Digital Video Phone will not work with PBX interfaces.

