



# IRIS 3000® Digital Video Phone Non-Residential Environments

The IRIS 3000® 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 IRIS 3000® Digital Video Phone's ability to access the Internet.

This document describes how to configure the IRIS 3000® Digital Video Phone in a typical firewall-based network environment.

## Firewall Configuration

Some firewalls may block certain ports required by the IRIS 3000® 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 IRIS 3000® Digital Video Phone outside your firewall's external interface is an easy alternative to making changes to your firewall.
- Configuring your firewall so the IRIS 3000® 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 IRIS 3000® Digital Video Phone.

## DHCP / IP Addressing

By default, the IRIS 3000® 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 IRIS 3000® Digital Video Phone. For details, see the IRIS 3000® Digital Video Phone User Manual on [www.wgatesupport.com](http://www.wgatesupport.com).

## Bandwidth

The IRIS 3000® 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 IRIS 3000® Digital Video Phone bandwidth utilization can also be reduced. For details on changing the bandwidth settings, see the IRIS 3000® Digital Video Phone User Manual.

## IRIS 3000® Digital Video Phone and PBXs

The IRIS 3000® Digital Video Phone will not work with PBX interfaces.

**IRIS 3000®**  
DIGITAL VIDEO PHONE