



Using the IRIS 3000® in Non-Residential Environments

The IRIS 3000 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's ability to access the Internet.

This document describes how to configure the IRIS 3000 in a typical firewall based network environment.

Firewall Configuration

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

DHCP / IP Addressing

By default, the IRIS 3000 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. For details, see the IRIS 3000 User's Guide on www.myacn.com or www.myacncanada.ca.

Bandwidth

The IRIS 3000 default bandwidth setting is configured for 256 kbps. For optimal video phone performance, we recommend a minimum of 365 kbps upload speed per video phone call. Upload speed can be tested at speed.acndigital.net.

The IRIS 3000 bandwidth utilization can also be reduced. For details on changing the bandwidth settings, see the IRIS 3000 User's Guide.

IRIS 3000 and PBXs

The IRIS 3000 will not work with PBX interfaces.

