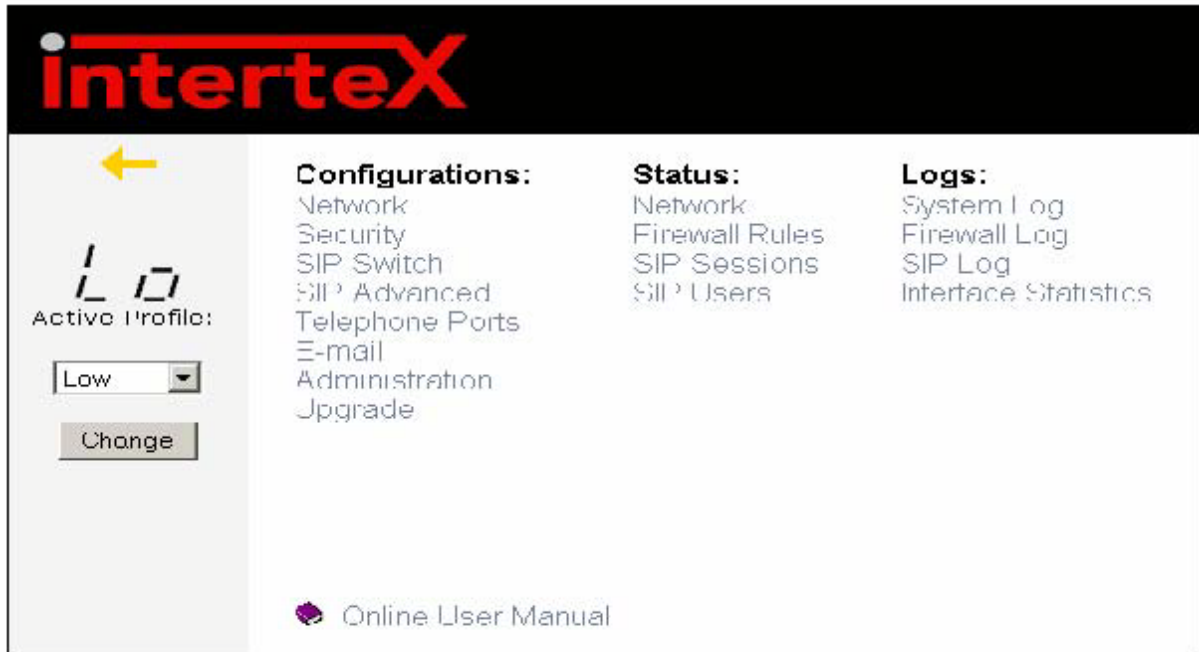
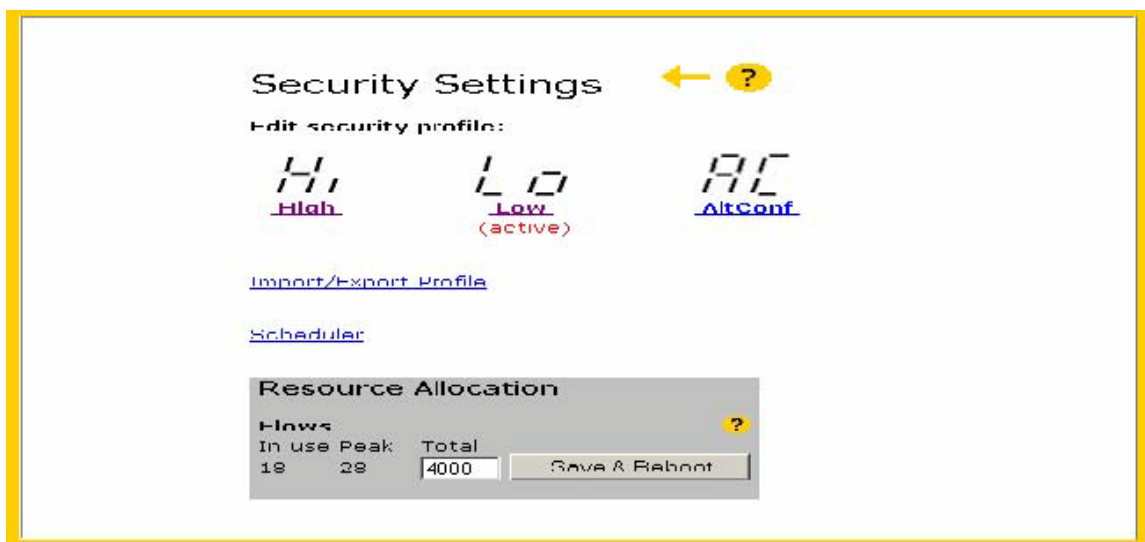


Configuring Intertex Surfinbird IX67 FW AIR GW2

1. Please refer the user manual to configure the router with your network. Access the admin page of the router by typing its IP address. You should see a screen like the one below.



2. Make sure the Router's active profile selected is **Low**. This document describes the configuration based on this profile. You can choose other profiles like **High** or **AltConf** but you will need to make changes on the firewalls settings etc. You can see the current profile on the left side of the screen.



3. Click on the **SIP Switch** link on the main page. You should get a screen similar to the one below. Note the **Maximum registered SIP addresses** entry. Intertex by default comes with 5 SIP licenses. For registering more SIP users, you will need to purchase additional licenses.

SIP Switch ← ?

General SIP Server Settings ?

- Use as SIP server for domain(s) [text input]
- Authentication Realm (prompted at login) use client's domain name [text input]
- Also apply number processing to domain(s) [text input]
- Allow to register: Inside users [All] Outside users [Authenticate]
- Maximum registered SIP addresses: **5** (Buy More) — **Depends on the SIP licenses**
- Allow outgoing calls from: [Inside] and from others after authentication
- Match full SIP URI for incoming calls (E.g. "peter@company.com" instead of just "peter" must match.)

4. Click on the **SIP Advanced** link on the main page. It will open a new page. Find the **SIP proxy** section, and make the changes mentioned in the below image.

SIP proxy

- Maximum number of registrations per user: 5 ?
- Timeout before registration expires: 120 seconds — **120 seconds** ?
- Call time out: 3600 seconds ?
- Enable SIP session timer — **Disable (uncheck) this** ?
- Default ring timeout: 180 seconds ?
- Maximum ring timeout: 300 seconds ?
- SIP Server UDP port numbers: 5060 ?
- SIP Server TCP port numbers: 5060 ?
- Requests for a foreign domain: unlimited deny ?

5. Find the **Advanced** section on the same page. Make sure the configuration is same as what you see in the below image. The fields in the **RED** box are not default. You need to make those changes in order to make the router work smoothly with **Worldsmart**.

Advanced		
SIP (3xx) redirection handling	Handled by the caller	?
TCP connection timeout	10 seconds	?
Max number of media streams per SIP request	5	?
Accept	text/plain, text/html, */*	?
Log settings (SIP)	notice	?
<input type="checkbox"/> Forward to syslog server		
Log SIP header fields (e.g. From, To)		?
Log only communication with IP addresses:		?
<input checked="" type="checkbox"/> Spoof protection		?
Policies for RTP media senders (SIP)	Allow any source IP addresses	?
<input type="checkbox"/> Allow RTP in reverse direction		?
<input checked="" type="checkbox"/> Disable URI encryption		?
<input checked="" type="checkbox"/> RFC 3261 Loose routing		?
<input checked="" type="checkbox"/> Disable username encoding (registrations)		?
<input checked="" type="checkbox"/> Never change user part of SIP URI		?
<input checked="" type="checkbox"/> Disable change to TCP (large messages)		?
Try make UDP messages smaller when exceeding	65535 bytes	?
Hide Via headers on requests to IP addresses:		?
Trusted IP addresses (treated as inside)		?
Monitor servers for failures		?
Time to cache server failures	seconds	?
Client registration interval	3600 seconds	?
<input type="checkbox"/> Disable media based forwarding		?
<input type="checkbox"/> Find SIP URI locally		?
<input checked="" type="checkbox"/> Enable trusted networks (RFC 3325)		?

6. Save the changes, and reboot the router. The router using the above configuration should work with **Worldsmart** without any problems.