Using the IceCrypt S1600CHD
for Intelsat 907 at 27.5degW

Preparing the Custom Firmware
Download the custom firmware from the SatPimps website.
http://www.satpimps.co.uk/showthread.php?160937-Icecrypt-S1600C-HD-patched-firmware

You may need to register at the site first for the download link to work. At the current time of writing, the latest version of the custom firmware is 1.6.41 (scroll down the thread as the latest posts are at the bottom).

The downloaded file is a zip file (open with Windows Explorer or the freeware, 7Zip), and contains just one file, S1600C_1.6.41_EMU.abs

Extract this file and save it in the root directory of a clean USB stick (by 'clean' I mean no other files or folders on it).

Preparing the IceCrypt Receiver
Unpack the Icecrypt receiver, install the batteries in the remote, and connect to a TV or Monitor using either the supplied HDMI cable or supplied AV leads, connect the power adapter lead (do not connect to any antenna at this point), and switch on using the red Power button on the remote (there is no power switch on the receiver itself).

Backing up the Original Factory-Installed Firmware
Insert a clean USB stick into USB port A on the side of the receiver (USB port B is on the rear), then on the remote, push the Menu button, and once the Menu is on the screen select:
System
Backup to USB
Select: uda (uda should be preselected)
Filename (just use the default filename they provide)
Press OK on the remote to begin the backup process, usually takes less than a minute.

Safely eject the USB stick by going to back to the main Menu, then select:
USB
Remove USB Device Safely

Store the backup file somewhere safe in case it is needed in the future.

Installing the Custom Firmware
Insert the USB stick containing the custom firmware file into USB port A
On the remote press Menu, then select:
System
Upgrade by USB
Filepath: uda (should be preselected by default)
Upgrade File: (the filename on the USB stick should be shown automatically)
Upgrade Mode: All SW + Channel List
Press OK on the remote to begin the upgrade process, usually takes less than a minute.

The custom firmware should load in under 1 minute. The device will then reboot itself, and in less than 1 minute the IceCrypt logo should then appear.

The custom firmware above is NOT the latest version. We must now upgrade to the latest version. Take the Icecrypt receiver to your router and connect them with an Ethernet cable, then go into the Icecrypt menu and select Internet, Network Local Setting, and ensure that the Default Network Type is: Wired, then press the menu button to return to the Internet main menu. Now select Ftp Upgrade.

Do NOT change any of the settings in the boxes, just press the red button to Connect. This should then bring up the list of latest firmware on the server. Select S1600_1.6.85_27W.abs (or later), then click on the red button to upgrade to the latest version, and select All SW+ Channel list.

Loading the BISS Code
You can get the latest BISS Code for Intelsat 907 from several sites on the web:

http://www.satpimps.co.uk/showthread.php?160657-biss-keys-from-53e-to30w4

www.netkeysat.net

www.gxmax.ch

On the remote select Menu, then select:
Conditional Access
CA Settings (you should now see card info)

On the remote enter 1407
(you can see this being entered in the top-right corner of the menu screen)

This brings up a secret menu, select:
Key Edit
BBC BISS

Now enter the latest BISS code. To enter the letters from A to F use the keys as shown at the bottom of the screen.

The receiver is now ready for use.

Finding the Intelsat 907 Channels
Connect the IceCrypt to an Antenna pointed at Intelsat 907 at 27.5 deg W, and ensure that the Quality is at least 60% (a figure of over 75% is what you should be aiming for)

On the Menu go to Installation > Satellite Installation, press OK

Select the TP Index, then press the Yellow button (TP Edit), on the next screen press the Green button (Add), and enter the following parameters:

Frequency: 11495
Symbol Rate: 44100

Polarity: Vertical

Now press the Menu button, and choose Yes when it asks if you want to save.

Ensure you have selected the newly entered 11495 V 44100 for the TP Index, then press the Green Button for a TP Scan, and set the following parameters:

Scan Mode: All
Program Type: TV+Radio
Scan Type: Blind Scan
NIT Search: Off
PID Search: BBC
Then scroll down to select 'OK to Search' and press OK on the remote.

Once all the programs have been scanned and loaded, you can press Exit

You can scroll through the channels using the Blue Up/Down buttons, and you can flip between TV channels and Radio channels by pressing the TV/Music button on the remote, and to see the Channel List press the EPG button.

I hope this guide helps.