# iCAM7000 Series Operation Mode 3 Setup Guide
**Without Start Up screen**

**-For use with iData EAC Software**

## Purpose:

This document will provide information on the iCAM7000 Series with use of operational mode: Option 3.  This document will detail the best practice process basic steps for Installation / Setup of an iCAM7000 series camera unit.

### *Requirements:*

- Windows XP (or above) Computer with an Internet browser
- iData EAC Software v3.03.x (or higher)
- iCAM7000 Series camera unit (iCAM Software version 7.02.49 or above)
- Network Switch, or Cross-over cable

## Initial Setup / Connecting to an iCAM

- Prepare a network connection from the computer to the iCAM that will be used.  Generally a network switch is used; however a cross-over cable directly from the Computer to the iCAM can be used.

*Note:  An Internet connection is not required to access or use the iCAM web configuration.  Only a network connection between the computer and iCAM is required.*

To login to iCAM, the Default *User ID* is: **iCAM7000** / *Password* is:  **iris7000**.
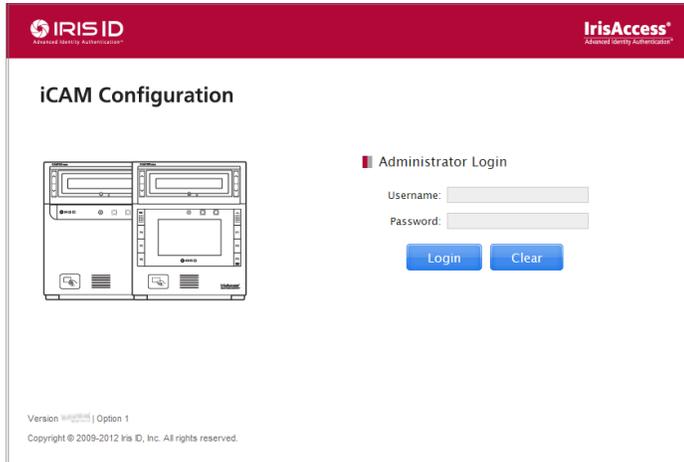
## Changing the IP address of an iCAM

*Note:  To avoid IP Address conflicts: The IP Address of each iCAM must be changed individually. Do not connect more than one un-configured iCAM to the network at any one time.   Any computer with a web browser which supports graphics (ex. Internet Explorer) can be used to configure the iCAM7000series cameras.. (Default IP settings are used for reference.)*
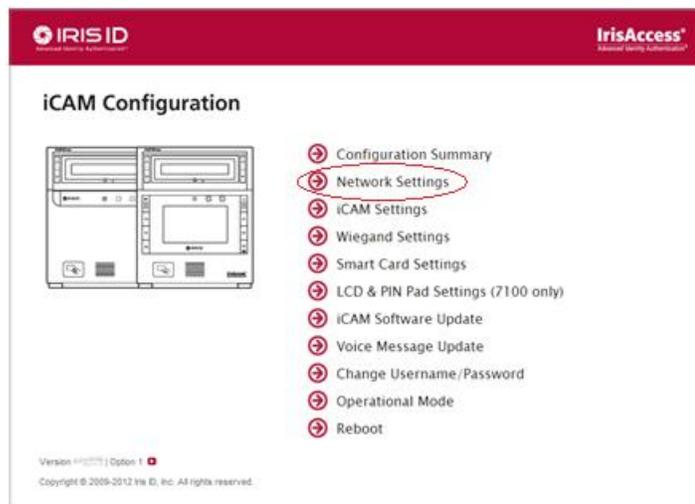
*IMPORTANT: If a Windows Warning screen appears as displayed in the following image, select "Run" to view the webpage correctly.*

1. Set the computer to the static IP of 192.168.5.250 - subnet 255.255.255.0
2. Open the web browser and enter http://192.168.5.100 in the address bar then press ENTER. The iCAM login screen will appear

3. Enter the default Username: **iCAM7000** and Password: **iris7000** (both are case sensitive)



4. The iCAM Configuration Main Menu will appear.



5. Select > "*Network Settings*".
6. Enter a new IP address for the iCAM _____ (default = 192.168.5.100)
7. Enter a new Subnet Mask for the iCAM_____ (default = 255.255.255.0)
8. Enter a new Default Gateway for the iCAM. _____(default = 192.168.5.254)
9. Click **OK** to save changes and to open network settings verify screen.

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**Resetting the iCAM if needed:** The iCAM FACTORY DEFAULT button is located on the iCAM7000 interface board below the RTC battery. With the unit powered on, press and hold the FACTORY DEFAULT button for at least 5 seconds.  This will reset the iCAM IP Address to the factory default of (192.168.5.100) .The default login ID for the iCAM (User ID= iCAM7000 / Password= iris7000).

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**To test the IP Address change, perform a ping to the new IP Address (as described below):**
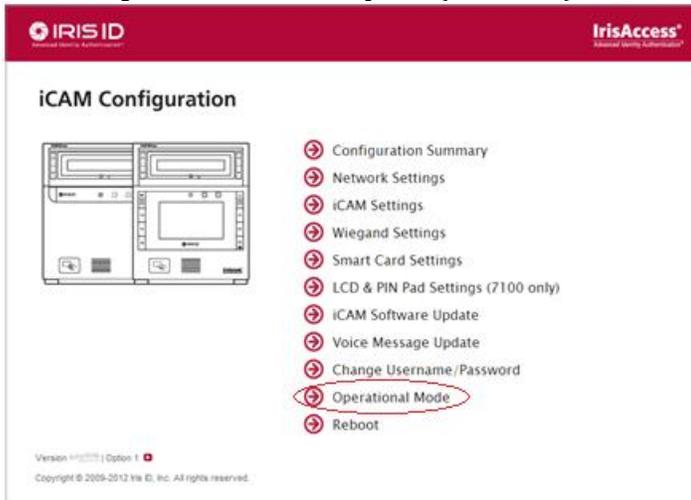
1. Click on Start (in the Windows task bar of the connected PC)
2. Select: Run
3. Type: CMD
4. Press: Enter
5. At the command prompt type: ping <new IP> (ex. ping 192.168.5.120)
6. Close the command prompt window.

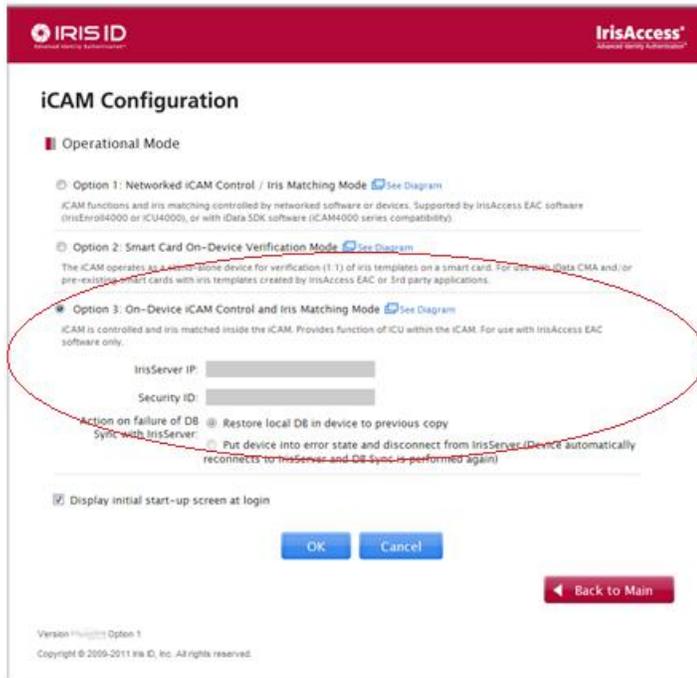**Setting up the iCAM7000 Series in Option 3 with IrisAccess EAC Software**

*Note*: "**Option 3: On Device iCAM Control and Iris Matching Mode**" – When option 3 is selected, the iCAM is controlled and the iris data is matched inside the iCAM. This mode provides the function of an ICU controller within the iCAM. This option is designed and must be used with IrisAccess EAC software version 3.03.x and above.

*\*Compatibility Warning: If attempting to use an iCAM7000 series unit in operational mode "Option 3", compatible IrisAccess EAC software version 3.03.x MUST be used for full functionality of this option.*

1. Login to the iCAM configuration screen by opening an Internet Explorer browser window and typing in the iCAM IP address.
2. Login to the iCAM with user ID and password
3. Select > **Operational Mode** option (as shown)



4. Select the Operational Mode: "**Option 3: On Device iCAM Control and Iris Matching Mode radio button** from the main screen:

5. Enter the Iris Server IP address (IP address of the computer running the IrisServer application)
6. Enter a unique **Security ID** for this unit (16 character requirement).
7. Select the radio button **Restore local DB in device to previous copy**
8. Write down in the below fields the iCAM7000 Series IP address, IrisServer IP, and Security ID for each iCAM7000 that is to be used in Operational mode: Option 3

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**Note details for each iCAM being set up and save this data in a secure location.**

**iCAM7000 Series**
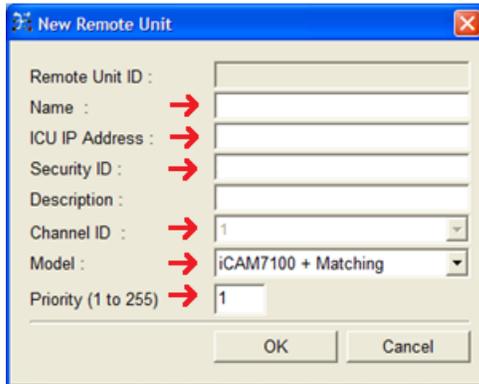
IP Address:                 _____ . _____ . _____ . _____
Subnet Mask:             _____ . _____ . _____ . _____
Gateway:                    _____ . _____ . _____ . _____
IrisServer IP:              _____ . _____ . _____ . _____
Security ID (16 characters): _____

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9. Press **Apply** to confirm changes and allow camera to reboot when prompted.


**Registering an iCAM7000 Series in Option 3 mode with iData EAC Software**

IrisManager allows creation of remote unit for iCAM7000/7100 Option 3. Refer picture below.
Enter the iCAM IP address in the **ICU IP Address** box. Selecting **iCAM7000 + Matching or**

**iCAM7100 + Matching** option from the Model drop down menu will automatically set Channel ID to 1 and its control will be disabled.

New Remote Unit

Remote Unit ID :
Name :
ICU IP Address :
Security ID :
Description :
Channel ID : 1
Model : iCAM7100 + Matching
Priority (1 to 255) 1

OK    Cancel

**Step Process:**

1. Install EAC Software version 3.03.x (or above) if not already installed.  -Refer to the *"iData EAC User Manual"* for complete software information instructions.
2. Open the IrisServer.exe application (located on the desktop)
3. Open the IrisManager application (located on the desktop)
4. Select the **Creation** button in IrisManager and select Remote unit tab (if not already selected).
5. Click on the **New** Button.  The *New remote unit window* will be displayed.
   a. Enter a **Name** of the remote unit – this can be descriptive, (ex: FrontDoor 1)
   b. Enter the **ICU IP Address** - which is the same IP address as the iCAM7000 series in Option 3 mode.  (Option 3 implies that ICU matching functions are performed inside the iCAM.)
   c. Enter the **Security ID** (16 characters) which is the security ID that is setup when configuring the iCAM for option 3 mode.
      ➢ The **Security ID** <u>must</u> be identical to the **Security ID** typed in during the setup of the iCAM setup when configuring it with option 3.  (step 6 above)
   d. Enter a **Description** - this can be whatever you wish.
   e. You must also select the **Channel ID** as 1
   f.  Select the **Model –** Make sure to select "iCAM7xxx + Matching"
   g. Set the Priority – generally this is set to 1.
      *Note: More than one camera unit can have the same **priority** (from 1 – 255.  1 is the highest priority and 255 is the lowest).  When the priority level is set, the iCAM will function and receive/send update information for the highest priority iCAM unit(s) first.*
6. Once all the required fields are entered, click **OK** button to complete the remote unit registration.
7. The successful addition of the remote unit causes the **Status** window to pop up.

- *Repeat these steps to configure each iCAM7000 series camera unit for option 3 as needed.*