

## iCAM7000 Series Operation Mode 3 Setup Guide

With Startup 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 7.03.07 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

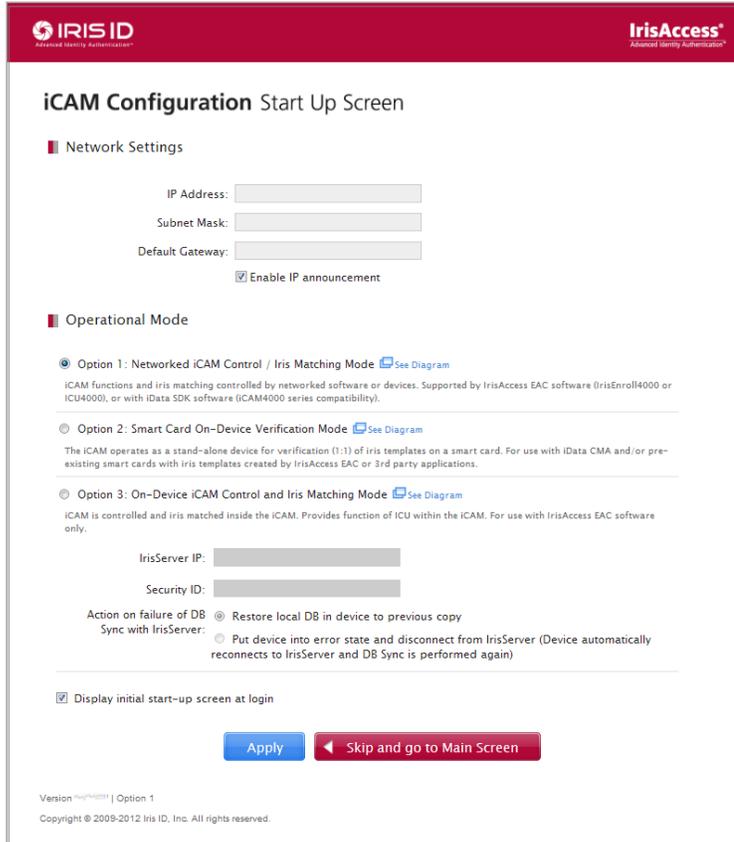
**Note:** To avoid IP Address conflicts: The IP Address of each iCAM must be changed individually. Do not connect more than one un-configured iCAM to the network at any one time. Any computer with a web browser which supports graphics (ex. Internet Explorer) can be used to configure the iCAM7000series 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)

*\*Note: The “Start Up Screen” is displayed by default. This screen can be disabled by un-selecting the check box for “Display initial start-up screen at login”. If the “Start Up Screen” does not appear, or to simply bypass the Start Up Screen” and enter the Main Menu, press the “Skip and go to Main Screen Button”.*



### iCAM IP Address Settings:

4. Enter the desired IP address data of the iCAM7000 series camera unit.
  - IP Address – Enter IP address (For example: 192.168.5.100)
  - Subnet Mask – Enter Subnet address (For example: 255.255.255.0)
  - Default Gateway – Enter Gateway address (For example: 192.168.5.254)
5. A selection to enable or disable IP announcement will also be available (set by default as active - Recommended).

### Selecting or Modifying the Operational mode for iCAM:

6. Select Operational Mode: **Option 3** for the iCAM. (See following data for details.)
  - “**Option 1: Networked iCAM Control / Iris Matching Mode**” – This document does not provide instructions for this option. Refer to the iCAM7000 User Guide for additional details.

**IMPORTANT:** If you are generally using option 3, this “option 1” mode may be needed to be used when performing enrollment.

- **“Option 2: Smart Card On-Device Verification Mode”** - This document does not provide instructions for this option. Refer to the iCAM7000 User Guide for additional details.
- **“Option 3: On Device iCAM Control and Iris Matching Mode”** – When option 3 is selected, the iCAM is controlled and iris matched inside the iCAM. This mode provides the function of an ICU within the iCAM. This option is designed for use with IrisAccess EAC software version 3.03.x and above.

**\*Note:** 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 functionality of this option.

**IMPORTANT:** If you are using an iCAM7000 in “Option 3” operational mode – when performing enrollments, and when trying to connect to the IrisEnrol4000 application within IrisAccess EAC software, the user must switch the operational mode to “option 1”. Once enrollments have completed, the iCAM can be set back to operational mode “option 3” (if a dedicated iCAM is not being used for enrollment).

In option 3 mode –the iCAM is controlled and iris matched inside the iCAM while providing function of an ICU within the iCAM. In order for these processes to work correctly the below information is required to be provided when “Option 3” is selected:

- IrisServer IP** - Enter the Iris Server IP address
  - Security ID** - Enter a unique security ID for this unit (16 character requirement).
  - Action on Failure of DB Sync with IrisServer - Select the radio button desired for Action on failure of DB Sync with IrisServer. These options are:
    - **Restore local DB in device to previous copy**
    - Or
    - **Put device into error state and disconnect from IrisServer (Device automatically reconnects to IrisServer and DB Sync is performed again).**
7. Display Initial Start-up screen at login – This checkbox can be selected to enable or unchecked to disable the initial start-up screen from appearing when the iCAM Configuration is logged into.
  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

**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): \_\_\_\_\_

9. Press **Apply** to confirm changes and allow camera to reboot when prompted.
- Once changes have been made to this screen, the iCAM will reboot for the changes to take effect. Allow the iCAM to complete the reboot process.

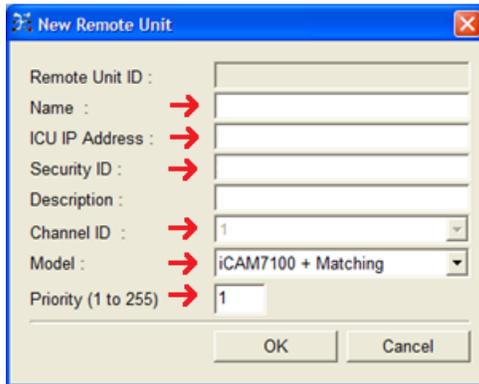
**Resetting the iCAM if needed:** The iCAM FACTORY DEFAULT button is located on the iCAM7000 interface board below the RTC battery. With the unit powered on, press and hold the FACTORY DEFAULT button for at least 5 seconds. This will reset the iCAM IP Address to the factory default of (192.168.5.100)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

**To test the IP Address change, perform a ping to the new IP Address (as described below):**

- A. Click on Start (in the Windows task bar of the connected PC)
- B. Select: Run
- C. Type: CMD
- D. Press: Enter
- E. At the command prompt type: ping <new IP> (ex. ping 192.168.5.120)
- F. Close the command prompt window.
- G. 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

### **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.



### 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** must 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.