Basic Setup Installation Steps Using iCAM & ICU

This document is designed to be used as a reference when setting up a basic installation with an ICU and iCAM series units. This document is meant to be used in addition to all other document hardware guides and user software manuals, not in lieu of them. Specific document manuals and guides can provide more detailed installation and hardware setup procedures, instruction as well as implementation notations and disclaimers.

1. Configure your Server PC to the following IP address information: IP = 192.168.5.250 / SUBNET Mask = 255.255.255.0 / Gateway = 192.168.5.254

2. Setup the IP address of the iCAM camera units making sure to only connect one iCAM to the network at a time if these units are new in-box from the LG factory.

    A. Verify you can ping the IP address of the camera unit from a CMD prompt (the command for this is: ping 192.168.5.100).

    B. Once you verified network communication between your server PC and your iCAM open a web browser such as Internet Explorer. In the URL address bar type the IP address of the iCAM unit 192.168.5.100 and press enter.

    C. The iCAM Web Configuration screen should appear. Type the ID and password to enter (ID = iCAM4000 / Password = iris4000).

    D. Select the Network settings option and change the IP address to your desired IP

    E. Change the IP address information of your Server PC back to the IP address you wish to use permanently for your Server (if different then 192.168.5.250). NOTE: Please be aware that the ICU and iCAM IP addresses musty be on the same subnet to communicate over the network.

    F. Verify the IP address has changed by going to the CMD prompt and performing a ping command for the new IP (if successful, connection responses will appear).

    G. Connect the next iCAM to your network and follow steps A through E (above). If unable to communicate with the next camera unit from a CMD prompt window type the command arp -d to clear the arp cache and try to ping the camera unit again then follow steps A-E. Repeat these steps for the remaining iCAM units that you need to change the IP address for.

NOTE: If only connecting one iCAM this Step (2F), please move to step 3.

3. Install your IrisAccess EAC Software on your server PC.

4. Connect your ICU4000 to your network and using the supplied ICU Configuration cable connect to the Channel one in the ICU making sure the red pins to the right are in the RS-232 position (From the factory these pins should already be in the correct position). Connect the other end of the cable to the Serial port of the Server PC making sure that COM1 or COM2 is being used.

A. Make sure the ICU is powered OFF

B. From the Server PC, open the IrisICUAdmin4000 Application

C. Select New Installation

D. Follow prompts and fill in data as needed making sure to enter the correct ICU IP address you wish to have for the ICU and enter the correct Server IP that you are going to be using for your server IP address. Additionally, as you follow the screens make sure to Enable all 4 channels by check marking all 4 channels and providing each one with a UNIQUE security ID (Make sure NOT to use 1111111111111111 as a security ID in the ICU as that security ID is often used for the Iris Enroll application). DO NOT LOOSE THIS INFORMATION - make sure to right down the CH1 -CH4 Security ID data as they will be needed later in the setup and for future setting changes and troubleshooting or upgrading as needed one day.

E. When prompted power on the ICU and press START. After about 65-90 seconds the ICU will begin to update and the process will finish. Continue following prompts and when asked to configure the channels make sure only the channels 1 you want are selected, and unselect the channels that will not be used by removing the check marks. Select Configure Channel 1 (for example) and enter the IP address of the REMOTE iCAM for this channel. (Write down that this channel connects with what camera IP and what security ID you have configured). Performing this step for the other channels as needed for as many channels as you have selected for the remote units you are using.

F. Finish ICU installation - will require a reboot that is prompted on screen. Say YES and allow the ICU to reboot for about 4 minutes.

NOTE: Start the Iris Server application (if not already started and running in the background with an icon near the time-clock of the windows start bar. (If the Iris Server was already opened previously that is fine - just continue to leave it running.)

5. Open the Iris Enroll4000 application and if it prompts for a server IP address make sure to type in 127.0.0.1. If it asks for a security ID allow what is shown as 1111111111111111 to be used. (This may cause the application to close - If so then re-open it).

A. Type user ID to enter the application (ID = administrator / password = iris3000).

B. When prompted for the IP address of Enrollment Camera, enter the Enrollment Camera IP address.

C. After the Enrollment Camera has been connected the application will run. Close the application as we just wanted to verify it is functioning.

6. Open Iris Manager Application.

A. Select Creation > Remote Unit

B. Press NEW to create new remote camera unit data info.

C. Enter in the fields it requires making sure to enter the correct ICU IP address (NOT the iCAM IP address) and correct Channel and Security ID for that Channel.

D. Repeat step C (above) for your second camera unit

7. Open Iris Enroll4000 and enroll yourself in the system making sure to give yourself ALL access to remote groups and Time Groups.

8. Once enrolled, try to identify at the camera units to verify functionality.

NOTE: If unsuccessful, open the IrisMonitor application and see if any errors appear at the bottom left window of the application. Also look in Iris Server and see if any errors or information appears that may indicate where you may have put in the wrong data or setup process.

Technical Support

Additional Information and Technical assistance is available on the IRIS ID Systems, Inc. support web site at www.irisid.com, click on Support & Service then Technical Support.

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