



INSTEK DIGITAL



A complete system to provide high resolution, long term digital video storage and IP based CCTV solution on a scalable and reliable platform

MC-AX1030 Quick Start Guide

THANK YOU FOR PURCHASING A QUALITY PRODUCT FROM INSTEK DIGITAL.

THIS QUICK START GUIDE WILL PROVIDE YOU WITH QUICK INSTRUCTIONS NEEDED TO CONFIGURE YOUR DVR (SERVER) AND ALSO VIEW THE VIDEO FROM COMMAND CENTER ONE (CLIENT SOFTWARE).

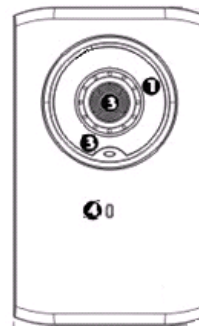
INSTEK DIGITAL SEPERATES THE CLIENT SOFTWARE FROM THE SERVER INTO TWO SEPERATE ENTITIES.THE REASONING BEHIND THIS SETUP IS THAT IT ALLOWS YOU (THE CUSTOMER) TO PLACE YOUR SERVER IN A SECURE, TAMPER-PROOF LOCATION FOR FURTHER ENHANCING YOUR SECURITY PROTOCOLS.

MatriVideo™ MC-AX1030 IP cameras offer a compact and cost-effective solution for indoor surveillance and remote monitoring. The MC-AX1030 provides the best image quality in its class, with exceptional performance in low light conditions.

BOX CONTENTS

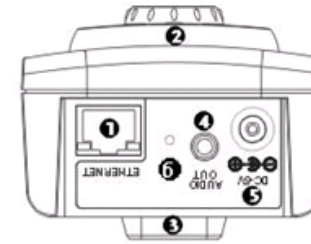
1. MC-AX1030 IP Camera – x1
2. Document / Software CD – x1
3. Quick Start Guide – x1
4. Power Adapter – x1
5. Camera Stand – x1
6. Warranty Card – x1
7. Registration Card – x1

FRONT PANEL OF THE MC-AX1030



1. High Quality Infrared LED
2. Camera Lens (Do Not Touch)
3. Camera Status Indicator
4. High Sensitivity Built-in Two-Way Microphone

BOTTOM PANEL OF THE MC-AX1030



1. 10BaseT/100Base Ethernet Port
2. Lens and Manual Focus Ring
3. Camera Stand Hook-up
4. Audio Output
5. 5V DC Power Connector
6. Reset Button (To restore to the factory default settings)

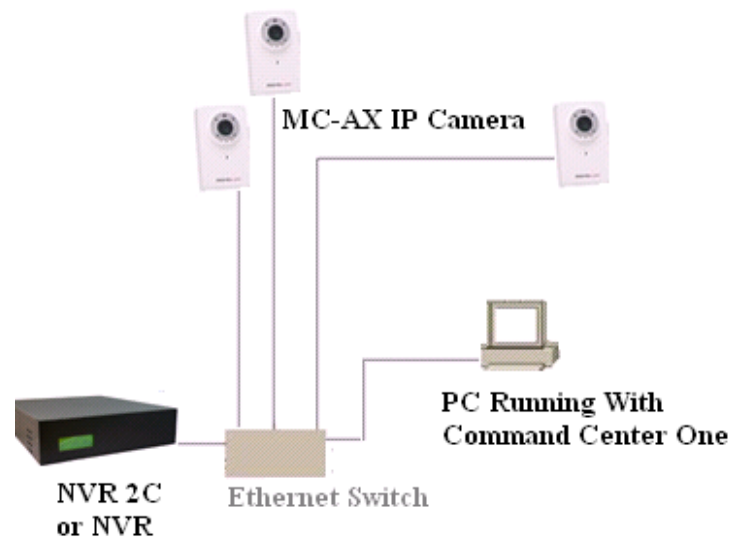
STEP 1: CONNECT THE CAMERA

- a. Connect your PC to the same network switch/hub as the IP cameras.
- b. Since, the Instek MC-AX cameras use "192.168.1.xxx" as default IP address, you must assign a static IP address from the same network segment, to your PC.

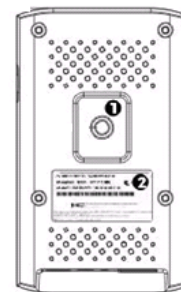
To change the IP address of your PC: Go to "Start" → "Settings" → "Control Panel" → "Network Connections". Double click on LAN or Internet Connection and select Properties. In the "General" tab, highlight "Internet Protocol (TCP/IP) and click on Properties. Input the IP address and Netmask information. Input the Gateway information if a Gateway exists on the network. Consult with your IT Administrator for further information.

- c. Screw the camera stand onto the rear panel of IP camera
- d. Connect the IP camera to the Ethernet hub/switch.
- e. Connect the power adapter from the outlet to the AC-DC Port of the IP camera.

NETWORK CONNECTION OVERVIEW











REAR PANEL OF THE MC-AX1030



1. Camera Stand Hook-up
2. The Mac Address Label

INSTALLATION PRE-STEPS

- Unplug the power adapter immediately, if the network camera is wet or found smoky
 Contact your distributor when such cases happen.
- Keep the network camera away from water

- Do not disassemble the network camera and/or insert any object into network camera

- Be sure to keep the network camera in a cool dry area and avoid the direct sunlight

- Keep the network camera away from your heating appliance, such as heater, oven and/or television etc.

- Be sure to secure your network camera in even surface

- Use with cautious and avoids dropping of the network camera

- Do not touch the network camera when lighting




Instek MC-AX cameras use 192.168.1.xxx as the default IP address. "xxx" is self-determined by the camera after power-on.

NOTE: If you are using the Instek Digital NVR-2C, you can skip the rest of this documentation and refer to the NVR-2C Quick Start Guide for configuration and setup options.


STEP 2: THE "IP SMART SEARCH" TOOL

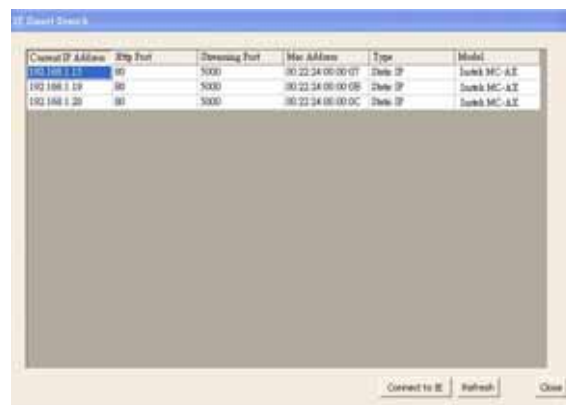
Background Information:

The "IP Smart Search" tool can automatically seek out all MC-AX cameras connected to the same LAN segment. The tool sends out broadcasting packets and receives responses from the MC-AX cameras. Upon receipt of a successful response, the window will display a list of all MC-AX cameras connected to the network. Furthermore, the tool also provides the option for quick view and the ability to modify settings of a particular IP camera, via the IE browser.

The "IP Smart Search" tool will automatically acquire the IP address of the MC-AX cameras connected on the network. If your network does not support DHCP, please assign a static IP address to your PC, belonging to the same network segment as: 192.168.1.x and the network cameras will also default to 192.168.1.xxx.

Set-Up:

- a. Ensure that your PC is pre-configured with the appropriate TCP/IP settings. Connect the LAN cable to the MC-AX cameras and make sure that the PC and the cameras are part of the same network.
- b. Click on the "Search Tool" program  (From your CD). You will see a list of all the MC-AX cameras that are online and accessible.



STEP 3: WEB-BASED CONFIGURATIONS

- a. To access the camera settings, open the IE browser and enter the IP address of the Instek MC-AX camera or alternatively using the "IP Smart Search" tool, highlight the IP address of the camera and click on the button "Connect to IE".
- b. Login. The default user name is: "admin" and the default password is: "id".
- c. Configure the IP address:
Network Setting → IP Setup As: Select a Static IP → Input an available IP address, the Subnet Mask and the Gateway, if a Gateway exists on the network.
"Primary DNS" is required. Please input the IP address of hub/switch/router or domain name server.
- d. Image Setting:
Configure the resolution, frame rate, brightness, contrast, saturation, hue, GOP number, VBR/CBR, bit rate, etc.
- e. Basic Configuration:
Set the time zone and enter the IP address of an NTP server or a PC for time synchronization, if available.

f. Live View:

Displays live video from the IP camera on the web page.

STEP 4: ACCOUNT CONFIGURATION AND UPGRADE

a. User Account:

It is highly recommended to change the administrator password. You can setup up to two administration accounts.

b. Upgrade:

To upgrade the camera's firmware, you have to input the location of the new firmware image file (FTP URL) and the username/password of the FTP server to access the image file. The upgrade process will be completed automatically when you click on "Submit". The upgrade may take a few minutes to complete. Subsequently, the IP address of the camera will be displayed as: "192.168.1.xxx", where xxx is determined by DHCP server.

CONTACT INFORMATION

We would like to graciously thank you for investing your faith in Instek Digital and being a valuable part of our corporation. Instek Digital's prime goal is to deliver leading technology in addition to exceptional customer service and technical support.

Instek Digital technical support representatives are always available to answer any of your support related questions or concerns. Please refer to our website for your regional support contacts:

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