

I-JOA Dual Mode PC Camera

1. Product Features

- High resolution video through CMOS image sensor of 30 thousand picture element pixels
- The clean picture by the particular lens has the function of bending protection
- More faster speed by the fast transmission of VGA picture
- Easy picture capture by snap function
- Simple installation and use
- The offer of multi-media S/W
- Various Usage: visual meeting, remote education
Security/Monitor, Video-Voice mail

2. Product Specification

- Optical element: 300K picture element pixel
- Recording Medium: Built in 32M bit Flash Memory
- Minimum optical degree: 2.5Lux
- Number of Images to store: 55 images in VGA
- Speed of frame:
 - QCIF (160 x 120) - 30 Frame/Sec
 - CIF (320 x 240) - 30 Frame/Sec
 - VGA (640 x 480) - 10~15 Frame/Sec
- S/N ratio & Dynamic Range: 42dB/72dB
- Power supply: USB & Two AAA alkaline battery
- Power consumption: 5.0V DC @ 450mA is provided through the USB or Battery
- Snap shot & Shutter
- White Balance & Gain Control: Auto
- Image control: Brightness, Contrast, Gamma corrections, etc.
- Lens: 1/3 inch color
- Focus length: 6.0 mm
- PC interface: 1.8m USB cable

- Dimension (W*H*D): 32mm x 62mm x 32mm

3. Offered Software

- Driver for Windows 98
- Photo Express
- Live Express video mail
- Live Monitor (Option)
- Live Diary (Option)

4. System Requirements

- USB Equipped PC
- Pentium 200MHz CPU or higher (Pentium II, III or equivalent recommended)
- 32MB of RAM memory (64MB or higher recommended)
- 30MB Hard Disk Drive space available
- 16 or 32bit color resolution or higher
- CD-ROM or DVD-ROM drive (For software installation)
- 28.8Kbps Modem or above for Video Conferencing
- Windows 98 Operating system

5. Getting to know your I-JOA Dual Mode Camera

- **Shutter** – to take still pictures,
- **Focus** – to focus image (adjust to the hash mark for still picture).
- **Lens** – image capture.



- **Power on/off** – to take still pictures.
- **DSC/PC Camera Select** – to select Digital Still Camera or Video Capture Mode.
- **Control Switch** – to adjust function setting.
- **LCD Display** – function setting Display.
- **USB Port** – to attach USB cable.



1. Installation of USB Digital Still Camera (DSC)

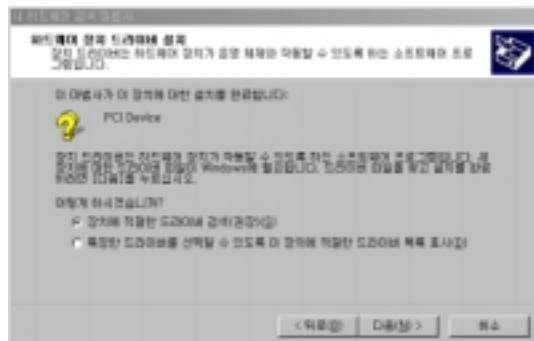
Be sure to switch I-JOA Dual Mode Camera to DSC mode using the (PC Camera/DSC switch) before proceeding.

- Turn on your computer
- Plug the USB cable to your I-JOA Dual Mode Camera then to the computer's USB port.
- Unknown or USB Device dialog will display as follows:



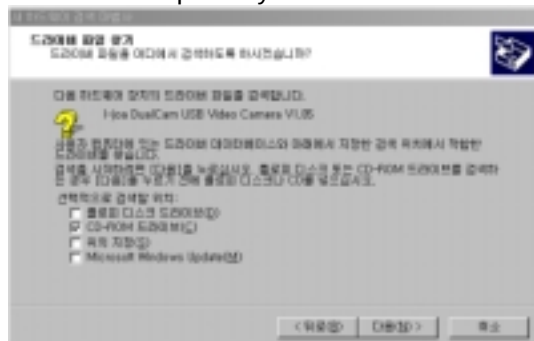
Click " Next"

- Select " Search for the best driver for your device:"



Click " Next"

- Insert the I-JOA Dual Mode Camera installation to your CD drive
Be sure to specify location as D:\StillDRV



Click " Next"

- Add New Hardware Wizard will find device " USB Digital Still Camera"



Click " Next"

- The device drivers will be copied to hard disk drive.



Click “ Finish” when all file are copied.

Certain PC system may require Windows 98 files to complete the installation. If your system already has these files, driver will be installed without prompting dialogs, but it is possible that your system does not have this file. In this case, Windows will prompt you to insert the Windows 98 CD-ROM. To complete installation, have your Windows 98 CD-ROM handy and follow the on-screen instruction.

2. Installation of USB Video Camera (PC Camera)

Be sure to switch I-JOA Dual Mode Camera to PC Camera mode using the (PC Camera/DSC switch) before proceeding.

- Turn on your computer
- Plug the USB cable to your I-JOA Dual Mode Camera then to the computer's USB port.
- Place the I-JOA Dual Mode Camera on top of your PC Monitor.
- Unknown or USB Device dialog will display as follows:



Click “ Next”

- Select “ Search for the best driver for your device:



Click "Next"

- Insert the I-JOA Dual Mode Camera installation to your CD drive

Be sure to specify location as D:\StillDRV



Click "Next"

- Add New Hardware Wizard will find device "USB Video Camera"



Click "Next"

- The device drivers will be copied to hard disk drive.



Click "Finish" when all file are copied.

Certain PC system may require Windows 98 files to complete the installation. If your system already has these files, driver will be installed without prompting dialogs, but it is possible that your system does not have this file. In this case, Windows will prompt you to insert the Windows 98 CD-ROM. To complete installation, have your

Windows 98 CD-ROM handy and follow the on-screen instruction.

1. Click to Camera icon,
2. Click “Get” button,
3. Click More (under Select data Source:) to acquire the DSC mode (I-JOA Dual Mode Camera) if program didn't auto detect the Camera,
4. Click Acquire to download the picture,



FCC NOTICE

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of

the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

Such modifications could void the user's authority to operate the equipment.