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THE GROWTH OF MAMMALIA 111

# USB PC CAMERA USER'S MANUAL



KMC-77

# USB PC CAMERA



USB PC CAMERA

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## Federal Communications Commission

### (F.C.C) Statement

This device complies with the 47 CFR, Part 2 and Part 15 of FCC Requirement. Operation of this device is subject to the

following two conditions ;

- (1) this device may not cause harmful interference including interference that may cause undesired operation.
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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 to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

### Warning

- Shielded interface cables must be used in order to comply with emission limits.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If this equipment does cause 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.
- Plug the computer into a different outlet so that the two devices are on different branch circuits.
- If necessary, the user should consult the dealer or an experienced radio / television technician for additional suggestions.

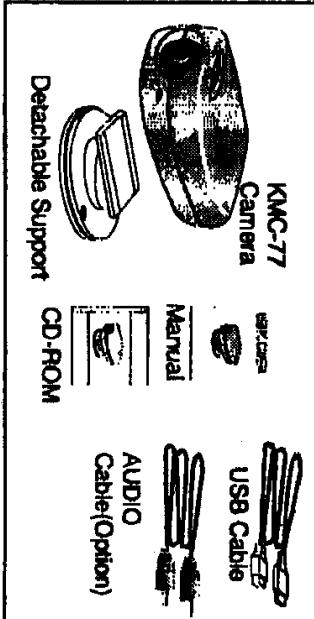


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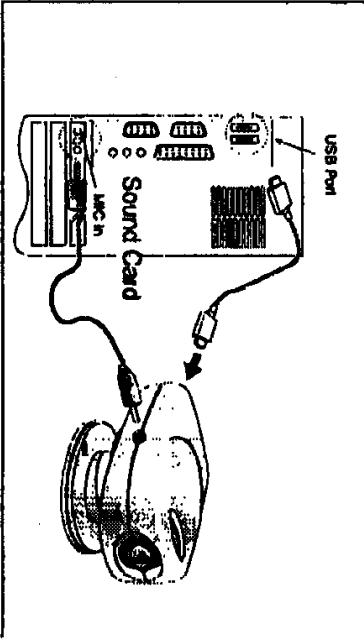
## Precautions

	<p>Do not leave the camera in an unstable place. It will cause damage to the camera when it falls.</p>
	<p>This product contains a very delicate mechanism inside. Do not give excessive shock to the camera.</p>
	<p>Do not leave the camera exposed to the high temperature, such as inside the vehicles and under the direct sunlight</p>
	<p>Do not leave the camera in humid places and expose rain. It could cause damage to the product.</p>
	<p>Do not disassemble. It could cause malfunction.</p>
	<p>Do not use thinner or benzene to clean the camera. It could cause damage to the product or cause fire.</p>

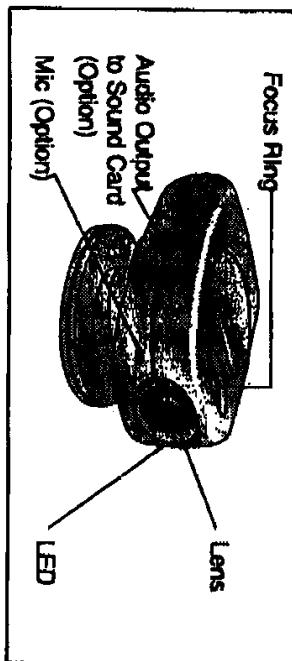
## What is in your box



## Connection to PC



## Looking at your KMC-77



### Features

- VGA 640X480 resolution
- USB port camera
- Multiple-out video modes : RGB24, YUV, M-JPEG
- Isochorous and bulk USB mode support
- Taking snapshot, capture, store and video conferencing
- Focus adjust by focus ring
- Automatic black and dark level calibration
- Full Video-to-Window and Twain Driver support
- Detect pixel detection and correction function
- Easy installation and using
- Stylish compact design

**System Recommendation**  
 Windows 98 or Windows 2000 or Mac  
 Pentium 166MHz or better, 32MB RAM

### Specifications

■ Image sensor	VGA 1/3" CMOS
■ Frame rate	VGA 640X480 : 15frames, CIF 352x288, SIF 320x240, QCIF 176x144, SQSIF 160x120, 30frames
■ Interface	USB Rev. 1.1
■ AGC	+24dB
■ S/N ratio	57dB
■ White Balance	Automatic
■ Exposure control	1,000,000:1
■ Gamma correction	0.45
■ Lens	F2.0, f=6.0 mm
■ Focus range	5cm-Infinity
■ View angle	50 degrees
■ Dimensions	56(W)x45(H)x87(D)mm, 120g
■ Power	DC 5V by PC USB port
■ Operation temp.	0~40°C

### How to install S/W

This camera is only for the computers with USB port.  
 It requires installation of the exclusive use driver.

Install Device Driver following the instruction.

You can use the camera only after re-starting the computer.

### Bundle Software

- PhotoBank for Multimedia: For making Multimedia title.
- PhotoBank Capture: For storage moving video, making sticker and video e-mail
- Netmeeting 3.0: For video chatting

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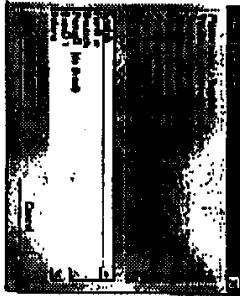
### How to Install Driver

When the KMC-77 Driver CD is inserted, set-up main screen is displayed automatically as shown in the picture.



Main Screen

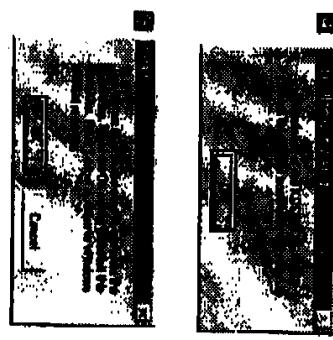
Without Connection KMC-77 Camera to PC USB Port, Click the installation main screen and execute installation according to the message on the screen.



Select language to install



Click "OK" for driver Installation



Click "OK" completed

Click "OK" for restarting the PC. And connect the KMC-77 Camera to PC USB Port. PC perceives the camera automatically.



Attention: If the camera doesn't perceive, USBport is not activated at SYSTEM BIOS. Re-install as the above installation order after activating.

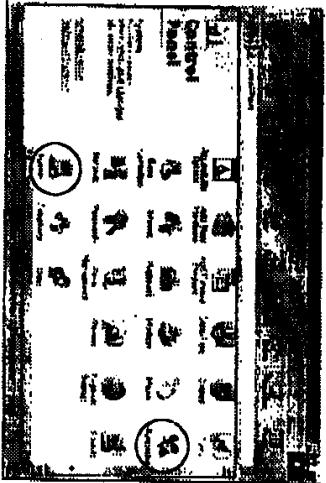




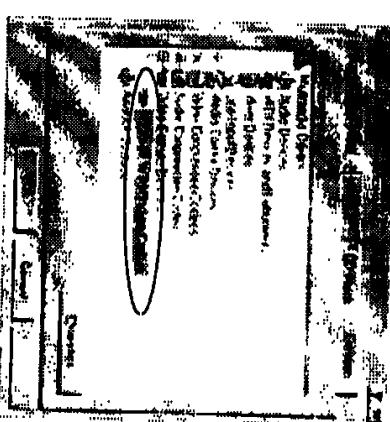
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## Confirming the camera installation

- If you're going to be sure of the proper right camera installation, please open "Control Panel" and then double click "Multimedia" and "System" icon



- Please confirm whether it is as below or not on "Multimedia"



- Please confirm "USB Camera for KCCOM" on "System window"

### <Advice>

If camera is not perceived even though USB port of system is activated and driver install is finished please install the driver is 'plug & play' method. (When Window is not properly installed)

- 1) Connect USB camera to USB port
- 2) After perceiving the 'unknown device'
- 3) After searching for the driver which fits the device
- 4) Select the CD-ROM driver.



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## ABOUT Photobank

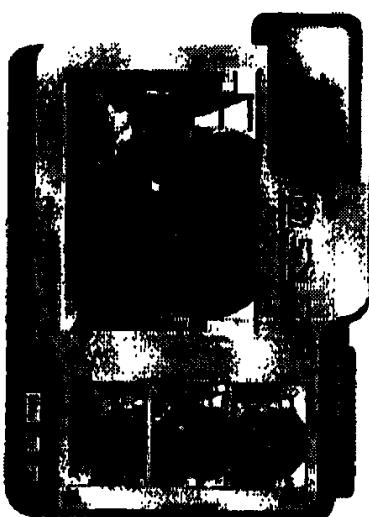
This guide is to help users of PhotoBank Pro Capture to be quickly familiar with it.

You can visit the homepage of Photobank Multimedia Co., Ltd., ([www.photobank.co.kr](http://www.photobank.co.kr)) and any time access

to new information about a new improvement of PhotoBank Pro Capture's functions or its manual.

PhotoBank Pro Capture can capture moving images, make video mails, image albums and print out sticker pictures in connection with PhotoBank Pro Main Program.

### ■ How to Use



The icon menu of PhotoBank Pro Capture is as follows:

 Bring in and insert the captured moving image (\*.AVI) file.

 Store the captured moving image (\*.AVI) file.

 Transmit the captured moving image (\*.AVI) file and still image file by mail.

 You transmit such files as \*.AVI, \*.MPEG, or/and compressed \*.Zp.

 Capture the image displayed on the screen from the moving image (\*.AVI) file.

 Make a still image picture from the images displayed on the screen by frame.

Set the environment of PhotoBank Pro Capture.

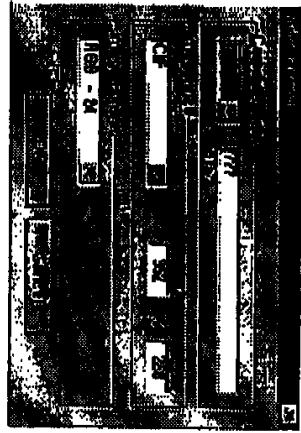


**Caution :** This program basically need the installed Web camera(PC camera). Please refer to the manual of each product to know how to install the Web camera.



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④ Video Format

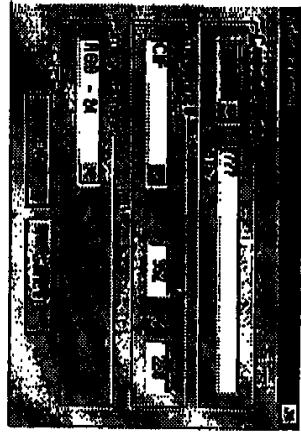


⑤ Video Compress

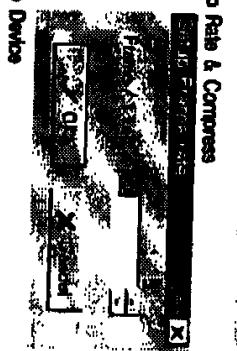


⑥ Setup Rate & Compress

⑦ Video Source: Set up Video



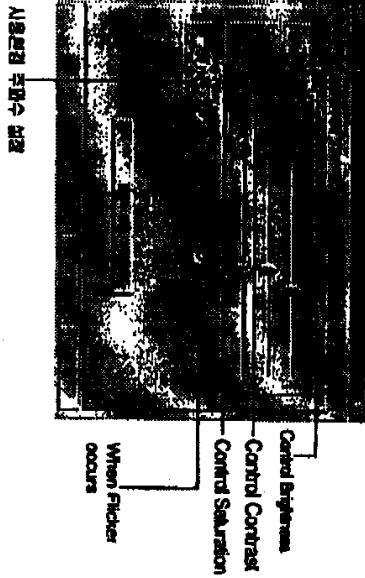
⑧ Setup Device



Transfer the menu to the lower part.

Exit the PhotoBank Pro Capture.

\* Give various effects to the captured image and print out pretty sticker pictures.



Control Brightness  
Control Contrast  
Control Saturation  
When Flicker occurs

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