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User's Manual

for the MGI PhotoSuite III SE[®], MGI PhotoVista[®],
PhotoBank Video Capture, AVI Creator, Driver Installation

English

Dear Customer,

Thank You for purchasing our product.

**"You will find the Installation Manual on the CD
(PDF-file)"**

**"Sie finden die bedienungsanleitung auf der CD
in einer PDF date."**

English

Caution

Please note that this is a dual mode product that supports both video (PC-Camera) and DSC (Digital Still Image Camera) modes.

※ The video mode (PC-Camera) will erase all the pictures taken in DSC mode because the same buffer (memory) is used for both modes. Be sure to upload all the pictures stored in the SPYPEN to the PC before activate video mode.

General Maintenance and Safety

- To keep from damaging your SPYPEN, avoid exposing it to moisture and extreme temperatures. (below 5°C or above 40°C)
- Do not use or store your SPYPEN in a place where strong electrostatic or electrical noise may be generated.
- Do not drop or give excessive shock to the SPYPEN.
- Do not disassemble or touch the inside of the SPYPEN. This may result in malfunctions of the camera.
- Do not use organic solvents, such as thinner or benzene, on to the SPYPEN.

Notes

- Picture quality protection function will be automatically activated when taking pictures in a dark place. The camera will not work while warning signal is beeping.

- When used in low light, the screen may be blinking to warn that the image is not clearly visible. If possible, please use the camera under sufficient lighting conditions.
- You may take up to 107 pictures in low-resolution mode. Please note that the counting of remaining number of pictures starts from 99 instead of 107. While the first 8 (from 107 to 99) pictures are being taken, the display will indicate 99 icon.
- If no picture is taken for 5 seconds after switching the mode, the remaining number of pictures will automatically change according to the selected mode.

※ When changing batteries in sleeping mode, new batteries must be inserted within 2 minutes. Never press the POWER ON/MODE SWITCH button while changing batteries. This will erase all the pictures stored in the camera. (If the LCD is blinking, wait until the camera switches to sleeping mode and then change batteries.)

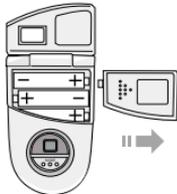
Camera Setup

AKYIS

After inserting 3 AAA batteries, connect the SPYPEN to the PC using a USB cable.

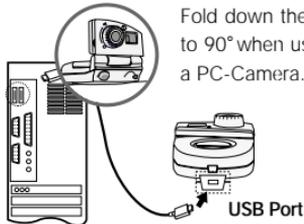
Installing Batteries

Slide the battery door away from the camera and insert the batteries as indicated below.



Connecting to the PC

Fold down the camera to 90° when using it as a PC-Camera.

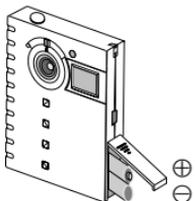


CLEO

After inserting 2 AAA batteries, connect the SPYPEN to the PC using a USB cable.

Installing Batteries

Slide the battery door away from the camera and insert the batteries as indicated below.



Connecting to the PC



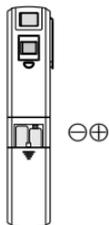
English

XION

After inserting 2 AAA batteries, connect the SPYPEN to the PC using a USB cable.

Installing Batteries

Slide the battery door away from the camera and insert the batteries as indicated below.



Connecting to the PC

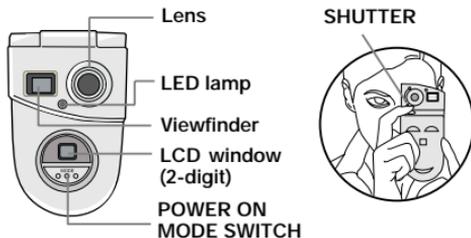


Using Camera Switches

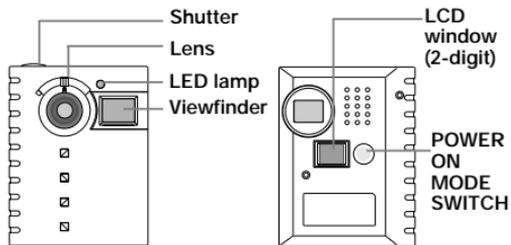
When the LCD screen is turned off, press the POWER ON/ MODE SWITCH button. Then the LED lamp will be turned on, and icons will appear on the LCD window. If not used for 30 seconds, the camera will be turned off automatically (sleeping mode).

Available functions will appear on the LCD screen as shown below when the POWER ON/ MODE SWITCH button is pressed.

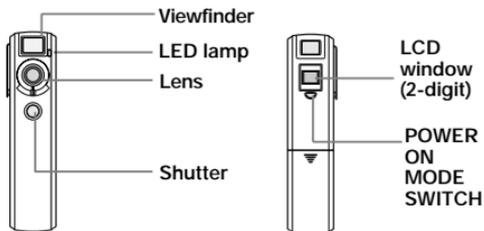
Your SPYPEN Camera : AXYS



Your SPYPEN Camera : CLEO



Your SPYPEN Camera : XION



MODE Display

26

Pictures Remaining Number. Starts from 99 in low-resolution mode.

CL

When this mode is selected, you can take continuous shots by holding the shutter button down.

- 26 consecutive exposures in high-resolution mode.
- 107 consecutive exposures in low-resolution mode.

SL

When this mode is selected, you will have a 10 seconds delay after pressing the Shutter button.

CL

When this mode is selected, you can erase the entire images by pressing the button twice.

Hr

When this mode is selected, you can switch your SPYPEN to the high-resolution mode by pressing the button once.

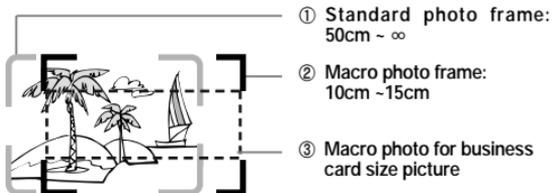
Lr

When this mode is selected, you can switch your SPYPEN to the low-resolution mode by pressing the button once.

Photographing

You can see the subject through the viewfinder. After centering the subject in the viewfinder, press the shutter button to take a picture. Set your SPYPEN focus distance ▲ to (when the subject is located in 50cm - ∞ range. When the subject is within 10cm -15cm (Macro) range, set the camera focus distance to ♡ (for close up picture. If you hear a high pitch beep sound when pressing the shutter button, you can successfully take the picture. The pictures remaining icon changes automatically to indicate the remaining number of pictures.

Using Viewfinder Frame & Photographing



① Standard Photographing ▲ (AXYS, CLEO, XION)

- Center your subject in the Standard photo frame [] to take a picture.
- Images outside the frame will not appear in the picture. Please note, however, that the actual picture will be slightly larger than the image shown in the frame.
- When photo frame is not clearly visible due to surrounding lighting conditions, use your best judgment to place the object in the frame.

2 Macro Photographing 📷

- **AXYS:** Center your subject in the close up photo frame of the viewfinder [] and take a picture within 10–15 cm range.
- **CLEO:** Center(Focus) your subject to take a picture in the Standard photo frame within the distance of 10–15cm. Please take a picture after moving the photo frame 10–15mm to the left and the lower part from the center of the subject.
- **XION:** Aim the lower part of the Standard photo frame at the subject picture's lower bottom end, and then shoot.

3 Macro photo for business card size picture (AXYS)

- Center your object in [] frame of a business card size.

Installation of the Software and Driver

- Install the Installation CD according to the following Instructions.
- After installing the S/W and the driver, restart your computer and connect the camera to the USB port on your computer.

- 1 Place the Installation CD into your CD-ROM drive.
- 2 First, install MGI PhotoSuite III SE from the Auto Run screen.
 - ① After choosing the language you want to install, click the “OK”, “Next”, or “Yes” button following the instructions.
 - ② If you do not want to register now, click the “Register Later” button.
 - ③ Click the “Finish” button on the Setup Complete screen.
- 3 Install MGI PhotoVista from the Auto Run screen.
- 4 Click “PhotoBank Video Capture” on the Auto Run screen. Click the “Next” or “OK” button following the instructions.
- 5 After clicking on “AVI Creator” on the Auto Run screen, install it by following the instructions given on the screen.
- 6 At last, click “Driver Installation” on the Auto Run screen.
 - ① Choose the language you want to install from the Select Language screen.
 - ② If a message of Digital signature appears, click “Yes” button and continue to installation.
 - ③ Restart your computer by clicking on the “OK” button from the Installation screen.



Note

- If Auto Run screen does not appear, click "setup.exe" in the CD-ROM.
- Installation instruction for Macintosh is located at the end of this manual.

MGI PhotoSuite III SE (Image Uploading and Editing)

MGI PhotoSuite III is the ideal S/W for editing, enhancing, organizing, and sharing your pictures. MGI PhotoSuite III contains over 1,500 Templates and backgrounds as well as image libraries for variety of applications, such as collages, cards (i.e., bookmarks, gift messages, postcards, and etc.), photo layouts (i.e., comics, group photos, posters, photo albums, and etc.), calendars, magazine covers, business uses (i.e., business cards, certificates, labels, advertisements, letterhead, and etc.). You can easily create fun slide shows or digital greeting cards and send them to your on-line friends!

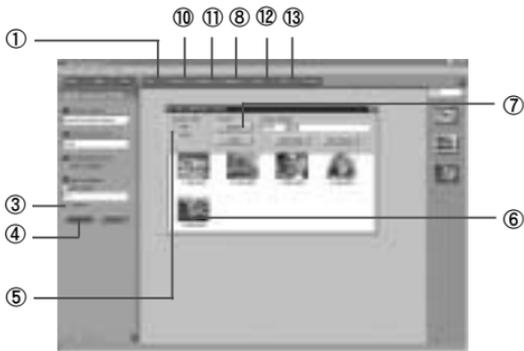
© For more information on further applications, go to Help > Welcome > Introduction.

Quick Start:

Choose Start > Program > MGI PhotoSuite III SE



- 1 Click the "Get" tab on the navigation bar.
 - 2 Click the "Digital Camera (TWAIN)" button.
 - 3 Select "USB Dual-Mode Camera" from the "Choose a camera" menu. Check "the Albums..." box and then create an album. Type a name for the new album and click the "OK" button.
 - 4 Click the "Download" button.
 - 5 The TWAIN dialog box will appear. You may select "Stills" or "Video" from the Dialog Controls function. Select "Stills" to download pictures or select "Video" to view video clips.
- Ⓞ If you select "Video", all the pictures stored in your SPYPEN will be deleted. Be sure to select "Stills" and save the data before selecting the format size you want.
- 6 The acquired pictures as thumbnails will be displayed.
- Ⓞ No images will appear if you did not take any picture. Take a picture by pressing the shutter button and then click the "Get Pictures" button on the TWAIN dialog box.
- 7 Select a thumbnail image, and then click the "Capture" button. To select multiple pictures, hold down the Control key and click the pictures. Images will be saved in



C:\My Documents\My Pictures. You may view them in a newly created album folder.

- 8 Click the “Organize” tab on the navigation bar.
- 9 Click “Photos” on the right side of your screen, and then captured images will appear. To move an image to the work area, click on a thumbnail image with right mouse button and select “Add” button from the pull-down menu. Or you can simply drag an image to the work area. Point the cursor to an image in the work area and press the right button. Shortcut menu, such as “Open”, “Cut”, and “Copy” will appear.
- 10 If you double-click an image, you will be connected to “Prepare” menu in which you can edit the picture by rotating, cutting, changing size, or transforming using special effects.
- 11 Click the “Compose” tab on the navigation bar, and you can make fun and creative collages, cards, calendars, and many more using edited pictures.
- 12 Click the “Share” tab on the navigation bar, and then click the “Send E-mail” button to automatically attach selected images.
- 13 Click the “Print” tab on the navigation bar to print out your work.

! Note

- You can obtain detailed information about functions and applications by clicking on the “Help” button on the Navigation bar located at the top of your screen.

© If you need help, hit the “F1” key on your keyboard at any time, and the Online Help system will pop up.

- Online Help system gives explanations of major parts of MGI PhotoSuite III and provides information about tools, templates, functions, and the self-learning program.
- File Formats
JPEG is an excellent choice if you plan to upload photos onto the Internet. For editing purposes,

save the image in a format like TIFF or BMP as you work, and then save the final image in JPG format. If you need more information about file formats, please refer MGI PhotoSuite III Help > Supported File Formats > File Formats.

- Image capture and save functions are also available in Imaging, which is a default Windows image application program.

MGI PhotoVista (Creating immersive 360° panoramas)

Photovista lets Web designers build highly interactive Web sites that visitors can experience -- not just look at. Create real estate, travel, art or entertainment Web sites, complete with zoomable 360° images, by turning a series of snapshots into a seamless panorama in minutes.

Quick Start:

- 1 Shoot your pictures using any 35mm digital, or video camera.



- 2 Open your images in PhotoVista.



3 With a single click, PhotoVista automatically stitches your images together into a seamless, high-quality 360 degree panorama.

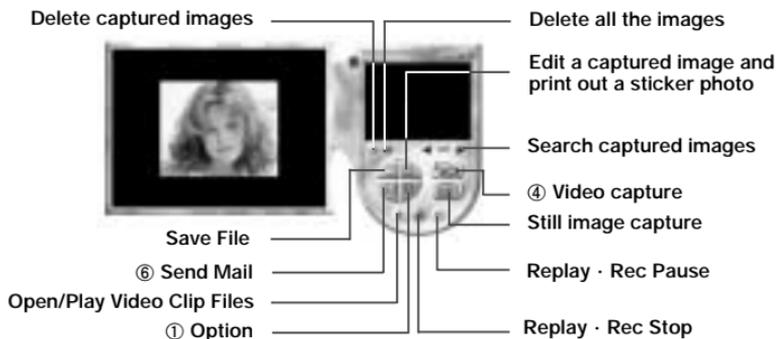


4 Type a file name for saving, then press enter key.



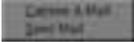
PhotoBank Video Capture (Video Uploading and Video Mail)

PhotoBank Video Capture is a program used for saving video clip files, creating and sending video emails, capturing still image, and making stickers. Send messages to your friends and relatives with attached video clips or image files!



Quick Start:

Choose Start > Program > PhotoBank Video Capture.

- 1 Pull down the "Option" menu and select "Setup Device", select click USB Dual-Mode Camera . 
- 2  Click the "Option" icon to select "Video Format" from the pull-down menu. It is recommended to display images in QCIF(low-resolution).
To photograph a close-up object, you can click the checkbox in the "Scaled Full Field of View".
- 3  Pull down the "Option" menu and Select "Capture Audio" (For video-audio record). To use this function, you need to have a built-in sound card installed in your computer and an external microphone.
- 4  The "Capture" icon will activate the File Saving (AVI format) function and the Video Recording function.
- 5 Click the "Stop" icon to stop recording.
- 6  Click "Send Mail" in the "Email" icon. Type in the Sender Mail field (sender's address) in "Setup" box on the Send Mail screen, and then click the "OK" button. Type email address in the "Receiver" box on the Send Mail screen and write a message. Click the "Send" button to send an email.
- 7 You can capture a video and send an email in MPEG or ZIP file at the same time by using the "Capture & Mail" function in the "Option" dialog box.

! Note

-  To capture still images by single frame, click the “Grp Frame (Enter)” button.
-  Manipulate and edit a captured image and print it out as a sticker.
- Click on a captured still image with right mouse button. The pop-up menu such as “Save” will appear.
- You can play any video clip file (AVI format) using your default media application.

AVI Creator (Clip Motion)

AVI Creator is a program used for converting still images shot in continuous mode to video clip files (AVI file format). Using the AVI creator's function fantastic animation as animation in GIF file can be created.



- 1 After consecutive shooting of the picture at the low or high resolution mode connect your digital camera to the USB port of the PC.
- 2 Run the AVI Creator.
- 3 Click the “Create” button.
- 4 Type a file name for saving, then press enter key.
- 5 After completing the converting process the saved AVI file will run.

© When taking the picture several times at intervals in continuous mode you can make an individual AVI file using the "Use Flags".

NetMeeting® (Video and Audio Conferencing)

You can enjoy the web conferencing by using a Windows default application, NetMeeting. NetMeeting's audio and video conferencing features let you communicate with your business partners or enjoy chatting with your friends and relatives on the Internet all over the world without extra cost. Also, you can work with as many people as you like by conducting real-time conversation and sharing information via text or sending files.



- For more detailed information about NetMeeting, select "Help" from the menu bar and click the "Help Topics" or "Read Me".
- NetMeeting is included in Microsoft Windows 98/ 2000.
- To obtain the most recent version and information, visit <http://www.microsoft.com/windows/netmeeting>.
- You may enjoy various web conferencing features using other web conferencing programs and on-line chatting sites.

Driver Installation for Macintosh

- 1 Insert S/W CD into your CD-ROM drive.
- 2 Double-click "MAC\plawa Installer.HQX" (Driver Installation File) in the CD-ROM.
- 3 If you run the file, an error message will appear. Ignore this message and click "OK".
- 4 If you click the "New" button, a temporarily folder will be created. Enter folder name and click the "Create" button.
- 5 If you select the newly created folder, the installer will appear in Macintosh HD.
- 6 Double-click "plawa Camera Installer v1.4b3" file in the newly created folder.
- 7 Use Adobe Photoshop>Plug-Ins> Import> Export to choose the folder location and click the "Install" button. (When Adobe Photoshop is installed on the Macintosh)
- 8 To install plawa Camera Import in the same location, click the "Select" button.
- 9 Click the "Quit" button to end the installation.

*** Caution ***

- Install the driver first, and then connect the SPYPEN to the USB port of your Macintosh.
- Quicktime Player must be installed in your Macintosh. If you have not installed Quicktime Player, you can download the program from <http://www.apple.com>.

Application

1 Saving and Editing Still Images (Using Adobe® Photoshop®)

- ① After photographing still images, connect your SPYPEN to the USB port of the Macintosh.
- ② Stored images will be automatically saved in the “plawa Camera Snapshots” folder, which is automatically created in the hard drive. (Plug-N-Save function).
- ③ You can save and edit images using Adobe Photoshop. (Adobe Photoshop > File > Import > plawa Camera Import)

2 Saving and Playing Video (Shoot in continuous mode)

- ① Take pictures in continuous mode.
- ② Video Clip files will be automatically saved in the “plawa Camera Snapshots” folder via Plug-N-Save function as soon as you connect your camera to the computer.
- ③ If you double-click on a saved movie file, QuickTime Player will play the movie.

Camera Specifications

Image Sensor	VGA 1/3" CMOS 318,000 pixels
Lens	Focal Length f=6.0mm, Aperture fixed Iris F2.6, View Angle 56°
Focus Distance	Normal : ▲ 1.6 ft. (50cm) - Infinity
	Macro : ▼ 4in (10cm) - 6in (15cm)
AGC	+18dB
S/N Ratio	57dB
Interface	USB Interface
Picture Resolution	Digital Camera 640 x 480(VGA), 320 x 240(SIF)
	PC Camera 640 x 480(VGA), 352 x 288(CIF), 320 x 240(SIF), 176 x 144(QCIF), 160 x 120(SQCIF)
Picture Storage	High Resolution Mode (VGA, 640 x 480) 26 frames
	Low Resolution Mode (SIF, 320 x 240) 107 frames
Memory	Internal SDRAM 8MB (64Mbit)
White Balance	Auto White Balance
Power	Digital Camera • AXYS : DC 4.5V(AAA 1.5V x 3) • CLEO, XION: DC 3V (AAA 1.5V x 2)
	PC Camera powered by PC USB port(5V)
Frame Rate	VGA, QVGA, QCIF, SQCIF: 5-30fps
Usage conditions	Temperature : 5°C ~40°C (34.8°F ~54.3°F)
	Humidity : below 80%

※ This specification may be changed without notice for quality improvement.

Minimum System Specification

- ◆ Windows * 98, 98SE, ME, 2000 or XP
- Pentium * 166MHz or more
(Pentium * II 350MHz recommended)
- 32 MB RAM or better
- Available USB Port
- 800x600/16-bit display
- 4x CD-ROM drive or better
- ◆ Mac OS 8.5 or more



plawa-feinwerktechnik GmbH & Co.KG Bleichereistr. 18 D-73066 UHINGEN - Germany

• TEL: +49 7161 93872-0 • FAX: +49 7161 93872-60 • E-mail: info@plawa.de