

## ***PEGA-MSB1 BIP Update Remote Camera and CLIE Viewer***

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## Notice

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Explanations in this manual assume that you are familiar with basic operations of Windows®. For how to use your computer and operating system, please refer to their respective manuals.



# ***Remote Camera Version 1.0***

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## *Functions of Remote Camera*

Using the Remote Camera application, you can control and capture images by remote on a Bluetooth™ BIP\* compatible digital still camera from your CLIÉ handheld.

The captured still images are recorded to a “Memory Stick” media inserted into the connected digital still camera. You can view the three most recently captured still images on your CLIÉ handheld.

BIP and its extensive features are used to control digital still cameras by remote.

\* BIP (Basic Imaging Profile for Bluetooth™): A unified standard for image data transfer using the Bluetooth™ function.

## *Control and capture still images by remote*

You can view images caught on the connected digital still camera and capture the image by remote control from your CLIÉ handheld.

## *What you can do with Remote Camera*

- ☐ You can control a Bluetooth™ BIP compatible digital still camera and capture images by remote from your CLIÉ handheld.
- ☐ You can set your CLIÉ handheld to automatically capture the image by remote when a moving subject is detected on the connected digital still camera.
- ☐ You can view the three most recently captured still images on your CLIÉ handheld.

## *Note on location of the captured still images*

The captured still images are stored on the “Memory Stick” media of the connected digital still camera. They will not be recorded to your CLIÉ handheld or a “Memory Stick” media inserted into your CLIÉ handheld.

## *Requirements*

Bluetooth™ BIP\* compatible digital still camera, such as Sony Cyber-shot DSC-FX77 (not sold in some regions).

\* Basic Imaging Profile

## Locating parts and controls of Remote Camera

### [1] Viewfinder

Displays the image that the connected digital still camera is currently seeing.

### [2] CLIP MOTION button

Tap to start or stop clip motion mode.

### [3] Disconnection button

Stops the Bluetooth™ communication between your CLIÉ handheld and the digital still camera.

### [4] Thumbnails

Shows thumbnails of the three most recently captured images.

### [5] Capture sound volume indicator

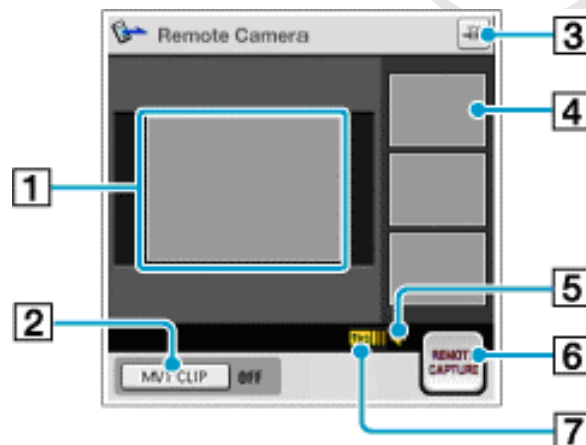
Indicates the volume level for the capture sound.

### [6] REMOTE CAPTURE button

Tap to capture still images.

### [7] Transfer frame rate

Displays the speed of images transferred from a digital still camera to your CLIÉ handheld.



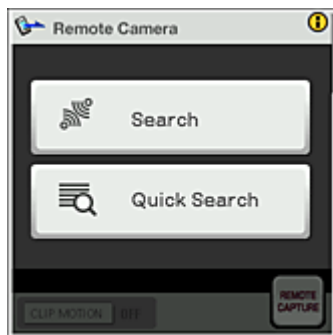
## Making a Bluetooth™ connection

Before using the Remote Camera application, you must first make connection between your CLIE handheld and a compatible digital still camera using the Bluetooth™ function.

Make sure you have your CLIE handheld and the digital still camera ready for a Bluetooth™ communication.

Refer also to the instruction manual of the connecting digital still camera.

- 1 On the CLIE Launcher screen, rotate the Jog Dial™ navigator to select **RemoteCam** and press the Jog Dial™ navigator.  
Or, tap the **RemoteCam** icon on the CLIE Launcher screen.  
The Remote Camera application starts.



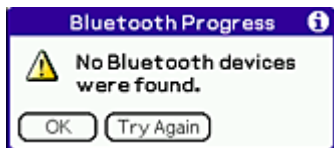
- 2 Tap **Search** or **Quick Search**.  
A search for Bluetooth™ devices starts.
  - **Search:** Starts searching for all Bluetooth™ devices currently available.  
Select the digital still camera you are using from the **Discovery Results** screen.



- ❑ **Quick Search:** Displays the **Discovery Results** screen listing previously connected Bluetooth™ devices.  
Select **Quick Search** to connect faster when you are using a previously connected digital still camera.



- ❑ Select the digital still camera if a number of devices are listed on the screen.
- ❑ If an error message dialog box appears on the screen, check the Bluetooth™ connection setting of the digital still camera, and then tap **Try Again**.



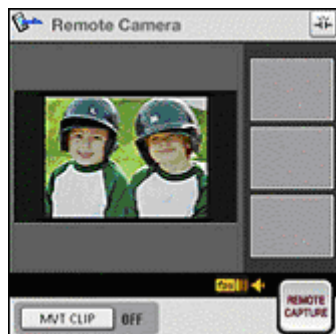
- 3 Tap to select the digital still camera you are using. Then tap **OK**.  
The connection is complete.

## Recording still images

You can view images transferred from a Bluetooth™ BIP compatible digital still camera via Bluetooth™ and capture still images from your CLIÉ handheld by remote.

- 1 Start the Remote Camera application and connect your CLIÉ handheld to the digital still camera via Bluetooth™.

For details, refer to **Making a Bluetooth™ connection (page 8)**.



- 2 Tap **REMOTE CAPTURE** to capture a still image.

Or, press the Jog Dial™ navigator.

A capture sound is heard, and the captured still image is recorded to the “Memory Stick” media in the digital still camera.

The three most recently captured images are displayed on the right-hand side of the screen.

When a new still image is captured, the older images scroll down and the most recently captured still image appears at the top.



The captured still images are recorded to the “Memory Stick” media inserted into the connected digital still camera. They will not be recorded to your CLIÉ handheld or a “Memory Stick” media inserted into your CLIÉ handheld.

## *Recording still images by detecting movement*


You can set the Remote Camera application to clip motion mode and automatically capture the image from your CLIE handheld when a moving subject is detected by the connected digital still camera.

- 1 Tap the **CLIP MOTION** button.  
Clip motion mode starts. The image is automatically captured when a movement is detected on the connected digital still camera.
- 2 To return to the normal recording mode, tap the **CLIP MOTION** button again.



The image will not be captured at the exact moment the movement is detected.

## Remote Camera menu items

This section describes the menu commands specific to the Remote Camera application. The following items appear when you tap Menu  on your CLIÉ handheld screen.

- **Sound** Menu

- **High:** Increases the volume of the capture sound to maximum level.
- **Medium:** Adjusts the volume of the capture sound to medium level.
- **Low:** Decreases the volume of the capture sound to minimum level.
- **Electric sound:** Selects an electronic sound for the capture sound.
- **Crystal sound:** Selects a crystal sound for the capture sound.
- **Percussive sound:** Selects percussive sound for the capture sound.

- **Options** Menu

- **About Remote Camera:** Shows version information for the Remote Camera application.



# ***CLIE Viewer (BIP Functions)***

## ***Version 1.0***

CLiÉ


## *Transferring still images to or from a BIP compatible device*

You can transfer still images via Bluetooth™ to or from another BIP\* compatible device such as a digital still camera or a computer.

Using the BIP function, you can convert the image to proper size for a file transfer via Bluetooth™, and reduce the transfer time compared to the standard Bluetooth™ file transfer. It is a useful way to send images when there is not enough memory space available on the receiving device.

For the operation of the BIP compatible devices, refer to the operating instructions of each BIP compatible device.


\* BIP (Basic Imaging Profile for Bluetooth™): A unified standard for image data transfer using the Bluetooth™ function.

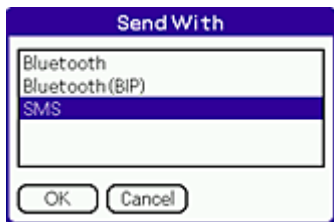
 The BIP function can only be used to transfer files to or from the BIP compatible devices.

On the CLIE handheld with the BIP function, the receiving transfer speed and file size are optimized by reducing the image size lower than 640 x 480 pixels.

See **Sending files using Bluetooth™** (page 19) if you want to transfer still images higher than 640 x 480 pixels to another CLIE handheld.

## *Sending still images to a BIP compatible device*

- 1 Prepare your CLIÉ handheld for Bluetooth™ communication.
- 2 Prepare the BIP compatible device for Bluetooth™ communication.  
For details, refer to the operating instructions of the BIP compatible device.
- 3 Start the CLIE Viewer application on your CLIÉ handheld.
- 4 Tap **Menu** , **Data**, then **Send**.  
The list of files appears.
- 5 Rotate the Jog Dial™ navigator to select an image file that you want to send, then press the Jog Dial™ navigator.  
The **Send With** dialog box appears.



- 6 Tap to select **Bluetooth (BIP)**, then tap **OK**.  
Your CLIÉ handheld starts searching for a Bluetooth™ device.  
The **Discovery Results** screen appears.





- 7 Tap the check box and select a device to connect to, then tap **OK**.  
The selected image file is sent to the connected BIP compatible device to be displayed and saved.

 To cancel the operation, tap **Cancel** in any step from 4 to 7 above.

The size of the still image file is optimized to the memory space and desired image size of the receiving device.

Note that the still image is reduced to the minimum size of 160 x 120 depending on the memory space available on the receiving device.

You can only send one file at a time.

## *Receiving still images from a BIP compatible device*


- 1 Prepare your CLIE handheld for Bluetooth™ communication.
- 2 Prepare the BIP compatible device for Bluetooth™ communication.  
For details, refer to the operating instructions of the BIP compatible device.
- 3 Send the still image from the BIP compatible device.  
The still image appears on the screen of your CLIE handheld when the file transfer is complete.
- 4 Determine whether to save the displayed still image or not.

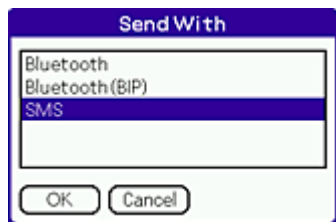
### *When you receive multiple still image files in one connection*

When you receive more than one still image file on your CLIE handheld from a device that can send multiple image file at once, the **Receiving...** message appears on your CLIE handheld until the file transfer is complete. Then, the received still images appear one at a time on the screen. Determine whether to save the displayed still image or not.

## *Sending files using Bluetooth™*

You can send files to another CLIE handheld using Bluetooth™.

- 1 Prepare the receiving and sending CLIE handhelds for Bluetooth™ communication.
- 2 Make sure that Bluetooth™ is enabled in the **Preference** menu.
- 3 Tap **Menu** , **Data**, then **Send**.  
The list of files appears.
- 4 Tap and select a file that you want to send.  
The **Send With** dialog box appears.



- 5 Tap **Bluetooth**, then tap **OK**.  
Your CLIE handheld starts searching for a Bluetooth™ device.  
The **Discovery Results** screen appears.



- 6 Tap the check box and select a device to connect to, then tap **OK**.  
The selected file is sent to the connected Bluetooth™ device.

 To cancel the operation, tap **Cancel** in step 4, 5 or 6 above.

## *Sending still images with the Bluetooth™ function*

When the **Send With** dialog box appears, tap **Bluetooth** or **Bluetooth (BIP)**, then tap **OK**.

For details, see **Sending still images to a BIP compatible device** (page 16).

The following items appear when the BIP\* is installed on your CLIE handheld:

- ☐ **Bluetooth**: Select when transferring still images to another CLIE handheld.
- ☐ **Bluetooth (BIP)**: Select when transferring still images to a BIP compatible device such as a digital still camera or a computer.

\* BIP (Basic Imaging Profile for Bluetooth™): A unified standard for image data transfer using the Bluetooth™ function.



You can only send one data file at a time.

**Bluetooth (BIP)** appears in the **Send With** dialog box only when you have selected a still image file. Using this function, you can send a still image file to another BIP compatible device, such as the BIP compatible CLIE handheld.

The data transfer function via a Bluetooth™ BIP is available when you have installed the Remote Camera application on your CLIE handheld. Note, however, for the CLIE handhelds sold in some regions, the Bluetooth™ BIP feature and the Remote Camera application are not supported.

You cannot send files from the CLIE Viewer application using SMS, although **SMS** appears in the **Send With** dialog box.