

CASIO® *presents*

QV-LINK™ (Ver. 1.1)



USER MANUAL

for **CASIO®** CASSIOPEIA™

Introduction

CASIO QV-LINK 1.1 for Windows® CE allows you to:

- Browse pictures in an album (CASSIOPEIA directory folder).
- Browse pictures in your CASIO QV Digital Camera.
- Transfer pictures from your CASIO QV Digital Camera to album directories on your CASSIOPEIA.
- Edit titles, comments and dates of your newly transferred pictures.
- Transfer pictures from album directories on your CASSIOPEIA to your CASIO QV Digital Camera.
- With your CASSIOPEIA you can control the display of presentations through your CASIO QV Digital camera to your television monitor.

Please note: The CASIO #SB-62 cable is required for communication between your CASIO QV Digital Camera and CASSIOPEIA. The #SB-62 connection cable can be purchased at any authorized CASSIOPEIA retailer or can be ordered from the CASIO Accessory Order Form (enclosed in your CASSIOPEIA packaging).

Getting Started

Installing QV-LINK:

IMPORTANT: Microsoft's Handheld PC Explorer software must be installed and communication with your CASSIOPEIA and desktop PC established before "qmlink" can be installed to your CASSIOPEIA. Please refer to the *Microsoft Handheld PC User's Guide* for Handheld PC Explorer installation instructions.

To install, first connect your RS-232C Handheld PC cable (included with your CASSIOPEIA) from your desktop to your CASSIOPEIA. Double tap on the "Handheld PC Explorer" Desktop icon. After connection to your CASSIOPEIA has been established, move the mouse cursor over the blue and white square icon labeled, "qmlink". (This icon is located in the same directory folder this user manual was found in.) Press and hold the left mouse button, then drag the "qmlink" icon to the "Contents of H/PC Desktop" area in the "Handheld PC Explorer" Window. Release the left mouse button to begin the file transfer to your CASSIOPEIA.

NOTE: If a "No Converter Selected" dialog box appears tap (OK). No converter is required to install "qmlink" to your Handheld PC Desktop.

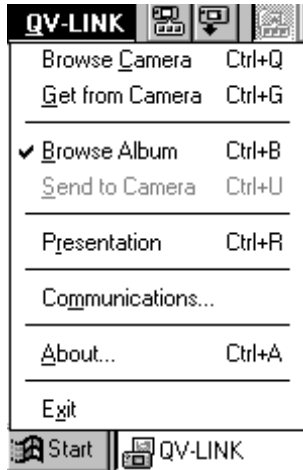
Double tap on the newly created "qmlink" icon seen on your Handheld PC Desktop to activate the CASIO "qmlink" application.



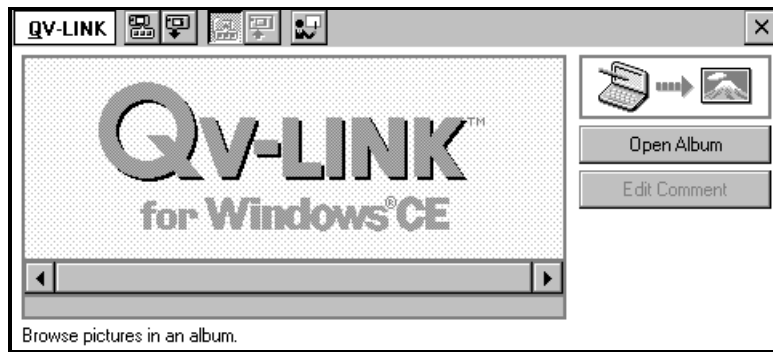
Browse pictures in an album

To browse pictures in an album:

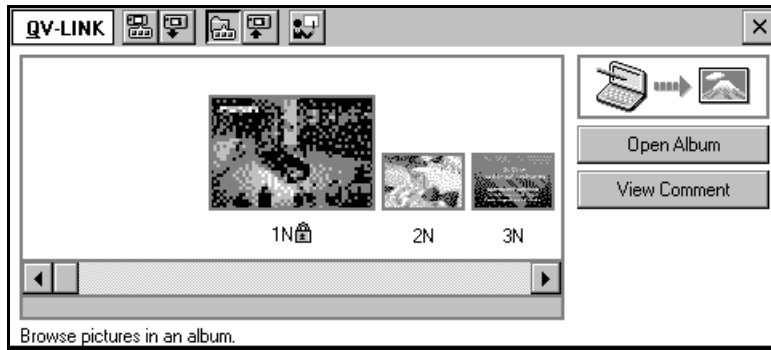
1. From the QV-LINK menu, select **Browse Album**



or tap on the **Browse Album** button  on the tool bar. The following screen will appear:




2. Tap **Open Album**. A standard Windows CE File Open dialog appears. Refer to your Windows CE User Manual if you have questions about how to use this dialog.
3. Select the album (folder) that you want to open.
4. Select any picture from the album you want to browse. (Selecting just one picture will automatically load all the pictures within your opened album). The "Browse pictures in an album" window will appear:



The “active” picture is represented by the large “thumbnail” in the center of the “slide table”. Operations can only be done on the active picture. If you single-tap on a thumbnail, it will scroll to the center and become the active thumbnail. Several designations may appear after the thumbnail number:

F - This designates pictures taken in “fine” mode. (Available on some QV Camera models)

N - This designates pictures taken in “normal” mode.

 - This padlock symbol indicates you have previously deemed your picture to be a Read-only file. You cannot edit comments when your picture is Read-only. Instead, if you scroll the picture to the active position, the **Edit Comment** button will change to **View Comment**. To set your picture to Read-only, refer to your Microsoft® Windows CE User Guide. NOTE: There are (2) instances where you will see this padlock symbol: (1) When a picture file is set to Read-only. (2) When a picture being browsed from the camera is set to protected mode.

To edit comments for a picture which is not Read-only:

1. Tap **Edit Comment** to edit the active thumbnail or double tap on any thumbnail. The Edit Comment dialog opens:



2. Edit comments as you would in any Windows dialog box. Dates will be accepted in any format you prefer. Comments will wrap so you can continue entering until the field reaches its maximum of 64 letters. Tap **OK** to re-save the file with the new comments or just exit if you do not want to save your edits. To edit additional thumbnails, tap on the > arrow to scroll to the next


thumbnail; the edits you just made will be saved. Tapping on the < arrow scrolls to the previous thumbnail in your album.

3. Tapping **View Full Picture** will display your picture in a larger, more detailed format.



Browse pictures in your CASIO QV Digital Camera

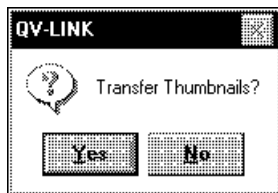
To browse pictures in your CASIO camera:

1. Make sure your camera is powered on and connected to your CASSIOPEIA with the CASIO #SB-62 connection cable. Ensure both ends of the cable are securely attached.
2. Select **Browse Camera** from the QV-LINK menu or tap on the **Browse Camera** button  on the tool bar.

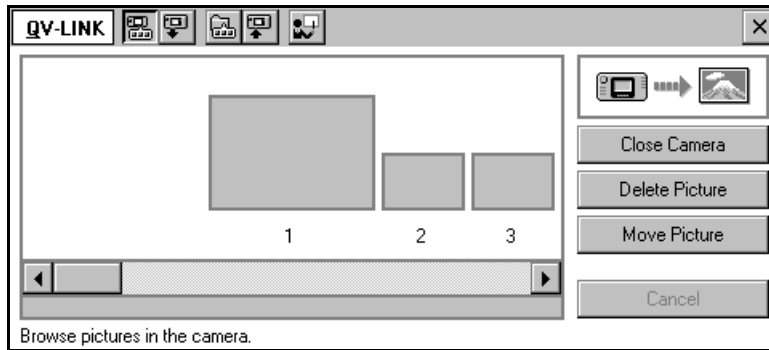
The “Browse pictures in your camera” window will appear:



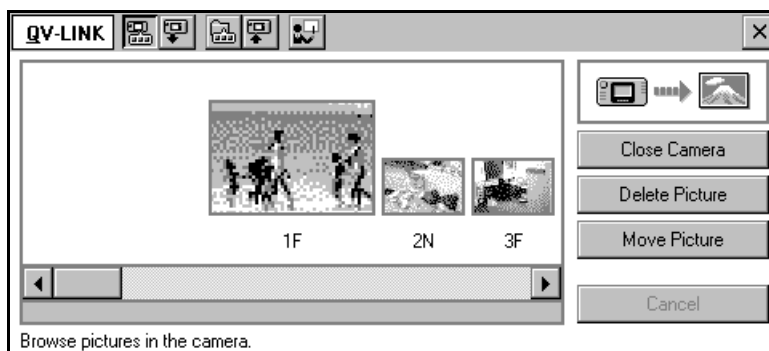
3. Tap **Open Camera**. The following dialog box appears:



Since this operation is somewhat time consuming, you may choose to tap **No**. The thumbnails will appear as gray boxes.



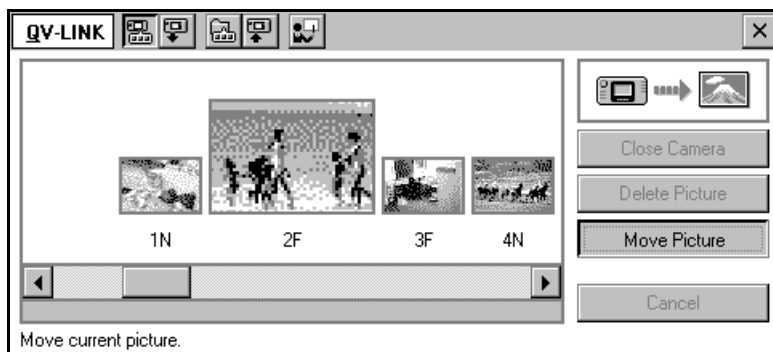
Tap **Yes** to transfer the thumbnails from your camera to CASSIOPEIA.
The thumbnails will be visible as shown below:



When your camera is first opened, the active thumbnail on your CASSIOPEIA screen corresponds to your picture on the Color LCD monitor of your camera. To change the active picture, scroll until the desired thumbnail is in the active position. The picture on your camera's Color LCD monitor will not track the active thumbnail. Single-tap the active thumbnail to update your camera's Color LCD monitor to match.

To move pictures in your camera:

1. Scroll the thumbnail of the picture you want to move to the active position.
2. Tap the **Move Picture** button. It will stay pressed.
3. Tap on the scroll bar to move the active thumbnail five positions at a time or tap the scroll bar arrows to move one position at a time. The active thumbnail is renumbered based on its new position in your camera.



4. Tap the **Move Picture** button to exit this mode.

To delete a picture from your camera:

1. Scroll the thumbnail of the picture you want to delete to the active position.
2. Tap **Delete Picture**. The following dialog box will appear:



3. Tap **Yes** to delete the active picture. Tap **No** to cancel the operation.

To safely disconnect your camera from CASSIOPEIA:


While **Open Camera** is activated, the controls on your camera will be disabled. Tap **Close Camera** to re-engage the controls on your CASIO QV Digital Camera. Now your camera can be turned off and disconnected from your CASSIOPEIA safely.

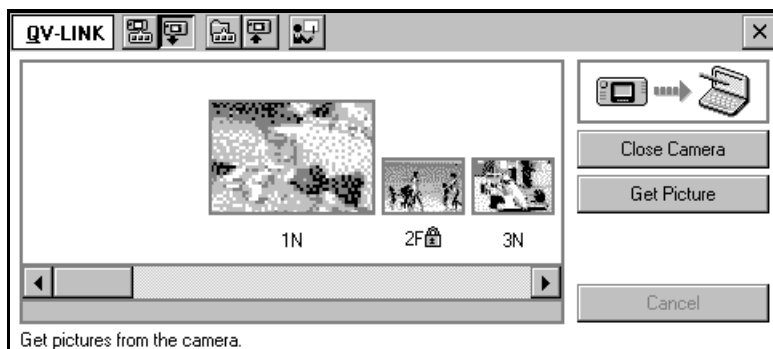


Transfer pictures from your CASIO QV Digital Camera to albums on your CASSIOPEIA

Pictures can be transferred from your CASIO QV Digital Camera to albums in your CASSIOPEIA:

1. If your camera has not been opened, follow the instructions under “Browse Pictures in the CASIO QV Digital Camera.” NOTE: You need to follow the **Open Camera** steps before you can transfer your pictures.


- From the QV-LINK menu, select **Get from Camera** or tap the **Get from Camera** button  on the tool bar. The “Get pictures from the camera” window will appear:



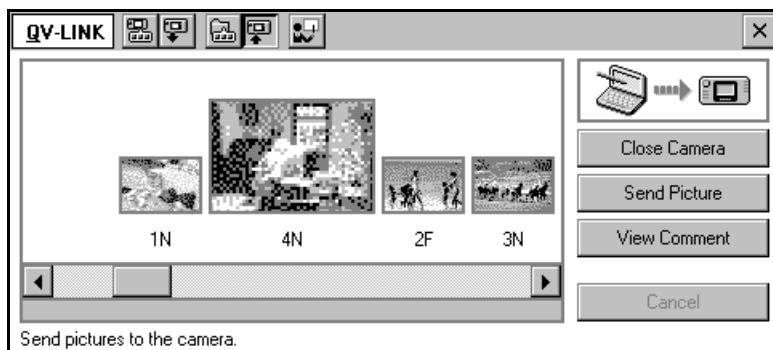
- Scroll until your desired thumbnail is in the active position.
- Tap **Get Picture**.
- A Windows “Save As” dialog will be opened. Select the album (folder) in which you want to save your new picture.
- Enter a file name for your new picture and tap **OK**.
- A progress bar updates while your picture is transferred to CASSIOPEIA. The Edit Comment dialog will appear. Enter your comments as described earlier. The date will be filled in automatically but can be changed if needed. To save your comments, tap **OK**. Transfers are made one at a time. Repeat the procedure each time you want to transfer a picture.



Transfer pictures from albums on your CASSIOPEIA to your CASIO QV Digital Camera

- Make sure your camera is powered on and connected to your CASSIOPEIA with the CASIO #SB-62 connection cable. Ensure both ends of the cable are securely attached.
- Repeat steps 1 through 4 of “Browse pictures in an album”.
- Scroll until the thumbnail representing your picture to be transferred is in the active position.
- From the QV-LINK menu, select **Send to Camera** or tap the **Send to Camera** button  on the tool bar.

- Tap the **Open Camera** button. The Transfer Thumbnails dialog box will appear. Tap **YES** to transfer thumbnails. The following window will appear:



Note: The active thumbnail represents the picture just selected from your album. The smaller thumbnails represent pictures in your camera.

- Use the scroll bar to position the active thumbnail to the desired location in your camera.

Note: In this mode, a white box representing a thumbnail is added to the end of the slide table in the event you want to transfer your picture to the last position in your camera.


- Tap **Send Picture**. The progress bar will update. Tap **Cancel** to stop the operation. After the transfer, the thumbnails will be renumbered. Pictures are transferred one at a time so repeat the procedure as necessary.



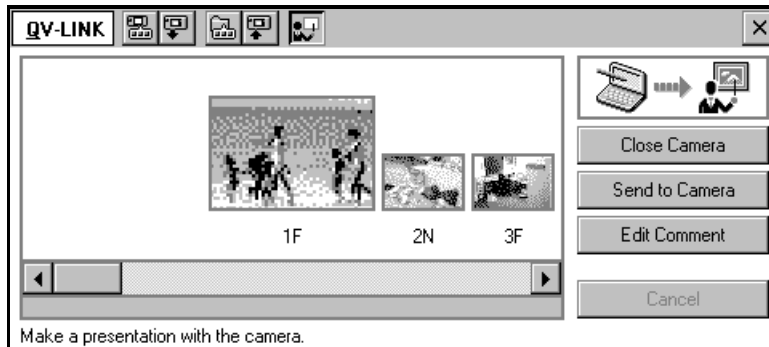
Control Presentations using your CASSIOPEIA and CASIO QV Digital Camera

☺ ***The CASIO QV Digital Camera has a video output for making presentations on a television monitor.***

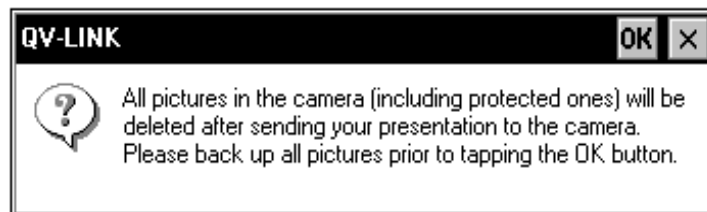
Steps to control a presentation with your CASSIOPEIA:

- Connect your CASIO QV Digital Camera to a television monitor. Refer to your QV Digital Camera user manual for this procedure.
- Make sure your camera is powered on and connected to your CASSIOPEIA with the CASIO #SB-62 connection cable. Ensure both ends of the cable are securely attached.
- From the QV-LINK menu, select **Presentation** or tap the **Presentation** button  on the tool bar.

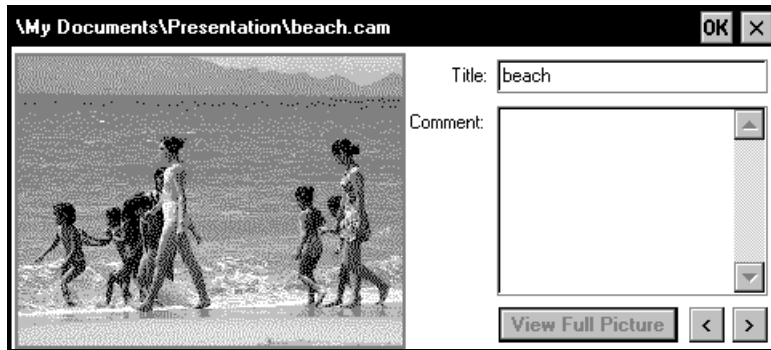
4. Tap **Open Presentation**. A standard Windows folder appears.
5. Select the presentation (which is the same as an album/folder) which you want to control. The “Make a presentation with your camera” window will appear:



6. If your camera is not already open, tap **Open Camera**. Tap **Send to Camera** to transfer the entire presentation to your camera. A warning dialog box appears:



7. **All pictures will be deleted from your camera** when you tap **OK** to continue. **Only your presentation pictures will be transferred back into the camera.** Please back up all pictures currently in your camera (*to your PC*) prior to tapping the OK button.
8. Scroll to your desired thumbnail and single tap on it. The image will then be displayed on both your Color LCD camera monitor, and the television monitor display.
9. During a Presentation, the **Cancel** button will change to a **Back to Image Number** button when other thumbnails are scrolled on your CASSIOPEIA display. Simply tap on the **Back to Image Number** button and you will be returned to the current image represented on your Camera's Color LCD display and TV Monitor.
10. To edit or view comments on the presentation, tap **Edit Comment** to open the Edit comment window and display the thumbnail representing your picture. Tapping **View Full Picture** will display your picture in a larger, more detailed format.



The comment field can be used to write or edit notes for the presenter. These comments are the same as those which appear in the comment field when browsing an album. Use the < and > arrow buttons to move backward or forward through your presentation.

Supplementary Information

Communication:

If a problem occurs while communicating with the camera. Make sure the camera is turned on, and the SB-62 communications cable is securely plugged in. If the problem persists, turn the camera off and back on.

Communication Speed:

If a problem still occurs while communicating with the camera. You may need to change the communication speed from the pull down menu. Try selecting a lower baud rate. In addition, to maximize performance on newer model cameras, try selecting a higher baud rate setting.



Communication Cable Connection:

Never disconnect the cable while an upload or download operation is in progress.

Power Supply:

If the batteries of the Camera are weak, there is the danger of power suddenly turning off while a data communication operation is in progress. Because of this, it is strongly recommended to use the AC adapter whenever performing a data communication operation. Also, you should plug your Camera's AC adapter directly into the wall socket instead of sharing an outlet with other equipment. Sharing a power outlet with other equipment may cause an unstable power supply, resulting in a possible malfunction.

In cases where battery power must be used while sending pictures to the camera and where you have already opened a connection to the camera, you should select "Close Camera" immediately followed by "Open Camera." The Open Camera command checks the battery power status, and will notify you in case of a low battery condition.

Caution: Do not attempt to transfer pictures to the camera under very low battery conditions, or your camera picture data may be damaged.

Camera Power Switch:

Doing any of the following while a data communication procedure is in progress can cause your CASSIOPEIA to hang up:

- Turning off the Camera power.
- Unplugging the AC adapter from the Camera's power supply terminal.
- Opening or closing the Camera's battery compartment cover while using battery power.

NOTE: Always make sure that there is no data communication operation being performed before turning off Camera power.

Camera Auto Power Off Function:

The Camera is designed to turn off automatically if no operation is performed for a specific amount of time. If no operations are performed, this Auto Power Off function will operate while the Camera is connected to your CASSIOPEIA.

Camera Controls:

If your CASSIOPEIA powers off during communication with your Camera, the button controls of your Camera may lock up. Simply turn your Camera off and on to unlock your Camera's button control functions.

Camera Low Power Indicator:

If your Camera's Color LCD screen displays the red low power indicator before or during communication, images transferred into your CASSIOPEIA may become visually corrupted. Ensure you are using fresh batteries or AC power when communicating with your CASSIOPEIA.

CASSIOPEIA Low Memory Conditions:

If your CASSIOPEIA is very low on available Program Memory, a system "low memory" dialog may appear. In order to free more memory for the application, this system dialog allows you to allocate additional Program Memory (if available), or to exit other running applications. If there is no additional memory available to allocate, and if there are no other applications to exit, it is possible that the only option at this point is to quit the QV-LINK application itself. Quitting the QV-LINK application should be the last option chosen, since in a few circumstances it can result in a system error message that requires a reset to correct.

Transferring Picture Comments:

Picture comments are only stored in the saved file on your CASSIOPEIA (or desktop PC). The QV camera itself does not store comments. As a result, if you send a picture from the Handheld or desktop PC to the QV camera, and then transfer the picture back from the Camera, the comment information will be blank in the new file on your CASSIOPEIA or desktop PC.

QV-LINK PC desktop software users:

Ensure Handheld PC Explorer is closed before connecting your Camera with the QV-LINK PC desktop software if you will be using the same COM port.

General:

Avoid tapping on the CASSIOPEIA display screen while the Camera and CASSIOPEIA are communicating. If a transfer in progress needs to be interrupted, tap the Cancel button only.

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