



SenseView Duo User Guide



Distributed in the U.S. by:

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TABLE OF CONTENTS

| | |
|---|-----------|
| 1. SenseView Duo Package | 1 |
| 2. General Instructions | 1 |
| 3. Configuration | 2 |
| 4. How to Use Each Function .. | 8 |
| 5. Technical Specification | 18 |
| 6. Digital Zoom Rate Table | 19 |
| 7. Warranty | 21 |
| 8. FCC Warning | 22 |

1. SenseView Duo Package

Thank you for choosing SenseView Duo. The following items are included in the SenseView Duo Package.

- (A) SenseView Duo
- (B) AC power adapter
- (C) Carrying case
- (D) Strap
- (E) User guide

2. General Instructions

(A) The battery must be fully charged for approximately 3 hours prior to initial use. Please connect the supplied AC power adapter to the DC-in jack in order to charge the battery.

(B) To avoid electrical damage, use the supplied AC power adapter.

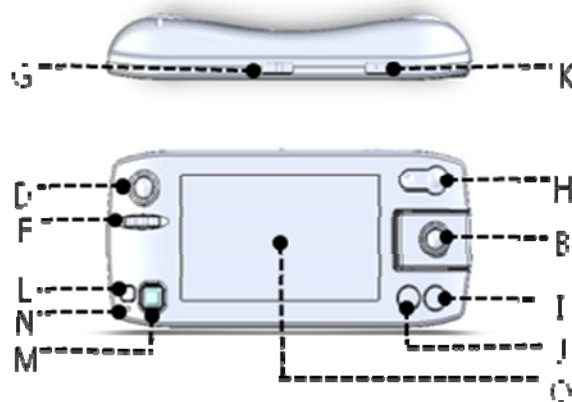
(C) To prevent fire or shock hazard, do not expose this unit to water or moisture.

(D) Do not disassemble the unit. Please refer all repair, maintenance, and general

questions and issues to GW Micro. If the unit is disassembled by a party other than GW Micro, the warranty will become void.

(E) Over a long period of time, you will notice that the battery life will become shorter than when you first received your unit. When the battery life becomes noticeably shorter, it may be time to replace the battery. Contact GW Micro for details regarding battery replacement.

3. Configuration





(A) Power on/off switch

You can turn the SenseView on by sliding and releasing the switch away from the DC-in jack and you can turn it off by sliding and releasing the switch again.

(B) Close-up & handwriting camera indicator

The light turns on when the close-up & handwriting camera is selected, and it blinks when the unit is in the power-saving mode.

(C) Close-up & handwriting camera

(D) Distance camera indicator

The light turns on when distance camera is selected, and blinks in the power-saving mode.

(E) Distance camera

(F) Focus knob for distance camera

You can focus the distance camera by rotating the knob back and forth.

(G) Camera selection switch

You can select the close-up & handwriting camera, or the distance camera, by moving the switch to the desired side. Moving the switch toward the close-up & handwriting camera will activate it, while moving the switch toward the distance camera will activate the distance camera. You can only use one camera at a time.

(H) Zoom-in/out button

You can change the magnification rate by 10 different levels. The exact magnification rate for each level is explained in the “**Digital Zoom Rate**”

Table” section.

(l) Color mode button

You can change colors on the LCD with 7 different combinations in the close-up camera and 6 different combinations in the distance camera, respectively. When you switch to the distance camera from the close-up camera, the color mode automatically changes to full color mode, regardless of the color mode of the close-up camera. When you return to the close-up camera from the distance camera, the color mode is also restored to the original setting. The full color mode is to view an object with its original color and the enhanced color mode is to view a text with high contrast. In the enhanced color mode, an object can be seen as brighter and in a different color.

- 1. Full color
- 2. Enhanced color (close-up camera only)
- 3. Black on white background
- 4. White on black background

- 5. Yellow on black background
- 6. Yellow on blue background
- 7. Blue on white background

(J) Brightness button

You can change the brightness of the LCD with 4 different levels.

(K) Image capture button

You can capture the image which you are looking at, and store the image, by pressing the button and holding it for more than 1.5 seconds.

(L) Menu button

When you press this button, five icons will appear in a row at the bottom of the LCD.

(M) Panning/selection key

This key has 5 directions: right, left, up, down and center.

After you press the Menu button (L), you can navigate among following functions:

1. Open the stored images one by one

2. Erase the stored images
3. Close-up camera light on/off
4. Check available storage capacity for storing images
5. Sound on/off

How to use this key is explained in the **“How to Use Each Function”** section.

(N) Battery charging indicator

When you are charging the battery, the light is red, and it change to green when fully charged.

(O) LCD screen

(P) DC-in

Insert the AC power adapter to charge the battery here. To avoid electrical damage, only use the supplied AC power adapter.

(Q) Strap hole

(R) Light for handwriting mode

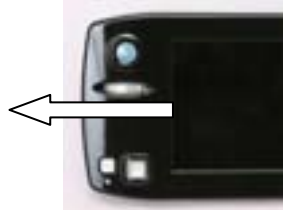
4. How to Use Each Function

(1) Power on/off

You can turn the power on by sliding the Power on/off switch (A) to DC-in. You can turn the power off by sliding it again.

(2) Distance camera mode

- 1. You can select the distance camera by sliding the Camera selection switch (G) to the distance camera.
- 2. You can look at an object 2.5m (8 feet) away or further.
- 3. You can rotate the Focus knob (F) to focus the distance camera. If you rotate the knob into the left-most position like as Figure 1, you can view the object from 2.5m away. As you rotate the knob to the right, you can look at the object from further away.



<Figure 1>

(3) Close-up & handwriting camera

You can select the close-up & handwriting camera by sliding the Camera selection switch (G) to the close-up camera.

(4) Reading mode/handwriting mode

You can select the handwriting mode by tilting the close-up camera, as shown in Figure 2.



<Figure 2>

(5) Storing images

You can capture the image which you are looking at by pressing the Image capture button (K). You can store the captured image by pressing and holding this button once more for more than 1.5 seconds. If you do not want to store the captured

image, press this button again for less than 1.5 seconds. You can store up to 20 images. You will hear an alarm sound and/or see a red "20" when you press the Image capture button (K) for more than 1.5 seconds as 20 images are already stored. You must erase the stored images to keep additional images when 20 images are stored because you can't store more than 20 images. Please refer to the "**Erasing Pictures**" section. The stored images are not deleted when the unit is turned off.

(6) Opening saved images

You can open the stored images by doing the following in order:

1. Press the Menu button (L).
2. Move to the following icon (Figure 3) to open the stored images by pushing the Panning/selection key (M) to the right or left direction.



<Figure 3>

3. Press the center of the Panning/selection key (M). Then you can find an image which is stored. You will hear an alarm sound and/or see a blinking "00" when there are no stored images.
4. Move to the desired picture by pushing the Panning/selection key (M) to the right or left.
5. You can magnify the selected image by pressing the Zoom in/out button (H) and pan it by pushing Panning/selection key (M) to the right or left, as well as change colors by pressing the Color mode button (I). Panning is NOT available in zoom level 1.
6. Press the Menu button (L) twice to return to the normal viewing mode.

(7) Erasing pictures

You can erase the stored images by doing the following in order:

1. Move to a picture to erase it as explained in the 'Opening saved image' section.

2. Press the Menu button (L).
3. Move to the following icon (Figure 4) to erase an image by moving the Panning/selection key (M) to the right or left.



<Figure 4>

4. Press the center of the Panning/selection key (M) and you can see the above icon to confirm if it is the image which you are want to delete.
5. Press the center of Panning/selection key (M) once more to delete the selected image. The deleted images can NOT be restored. After deleting an image, you can delete more images on the screen by continuing to press the center of the Panning/selection key (M). You will hear an alarm sound and/or see a blinking "00" when there are no stored images to delete.
6. Press Menu button (L) twice to return

to the normal viewing mode.

(8) Panning

1. You can pan the image on the screen in normal viewing, capture status, and the stored image mode by moving the Panning/selection key (M) in the four directions (up, down, right and left).
2. Panning is NOT active in zoom level 1. You need to increase the zoom level to 2 or more by pressing + (plus) of the Zoom-in/out button (M).

(9) Power-saving mode

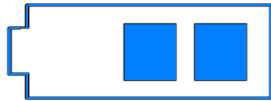
1. If you don't move the unit for 3 minutes while it is turned on, power-saving mode will activate. In power-saving mode, the LCD turns off and the camera indicator blinks.
2. You can exit the power-saving mode by pressing any button or moving the product. However, if you were looking at a captured or saved image before power-saving mode activated, you cannot exit power-saving mode by moving the product. You can press

any button to wake the unit up.

3. If you do not use the product for 7 minutes after power-saving mode starts, the unit will turn off automatically.
4. You need to slide the Power on/off switch (A) again if you want to turn on the SenseView Duo up after auto power-off.

(10) Battery status

1. You can check the battery status by pressing the Color mode button (I) and Brightness button (J) simultaneously.
2. The battery status is displayed in blue for 3 seconds on the screen as shown in Figure 5, and remains blue, when the AC adapter is not connected.



<Figure 5>

3. Please connect the supplied AC power adapter to charge the unit when the battery status appears empty, as shown in Figure 6. The

status image will also blink on and off.



<Figure 6>

4. The battery status is red, as shown in Figure 7, when this unit is being charged by connecting the AC power adapter to the DC-in jack. When the unit is fully charged, the color of the battery indicator icon will change to green, as shown in Figure 8.



<Figure 7>



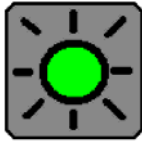
<Figure 8>

(11) Close-up camera light on/off

You can turn the close-up camera light on or off by doing the following:

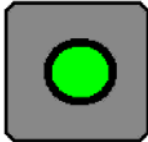
1. Press the Menu button (L).
2. Move to the following icon – (Figure 9) for close-up camera light-off by

pushing the Panning/selection key (M) to the right or left.



<Figure 9>

3. Press the center of Panning/selection key (M) to turn off the light.
4. If you want to turn the light on, press the Menu button (L) and move to the following icon – (Figure 10) by pushing the Panning/selection key (M) to the right or left.



<Figure 10>

5. Press the center of the Panning/selection key (M) to turn the light on.

(12) Sound on/off

You can turn the sound on or off by doing the following in order:

1. Press the Menu button (L).

2. Move to the following icon – (Figure 11) to turn the sound off by pushing the Panning/selection key (M) to the right or left.



<Figure 11>

3. Press the center of the Panning/selection key (M) to turn off the sound.
4. If you want to turn on the sound, press the Menu button (L) and move to the following icon (Figure 12) by pushing the Panning/selection key (M) to the right or left.



<Figure 12>

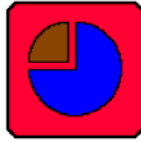
5. Press the center of the Panning/selection key (M) to turn the sound on.

(13) Storage capacity

You can check available storage capacity

for storing images by doing the following:

1. Press the Menu button (L).
2. Move to the following icon (Figure 13) for storage capacity by pushing the Panning/selection key (M) to the right or left.



<Figure 13>

3. Press the center of Panning/selection key (M). Then you can see the remaining number of images that can be stored.
4. Press Menu button (L) twice to return to the normal viewing mode.

5. Technical Specification

(A) LCD: 4.3 inch WQVGA TFT LCD (16:10 wide type)

(B) Magnification rate: 3x ~ 13x (close-up camera)

(C) Brightness: 4 levels

(D) Color mode: 7 color modes

- 1. Full color

| | |
|----------|-------|
| Level 5 | 6.5x |
| Level 6 | 7.3x |
| Level 7 | 8.2x |
| Level 8 | 9.6x |
| Level 9 | 11.2x |
| Level 10 | 13.4x |

Digital zoom rate 3.2 in zoom level 1 means that an object that is 1cm long will display as 3.2cm on the screen.

(B) Distance camera

| Zoom Level | Digital Zoom Rate |
|------------|-------------------|
| Level 1 | 1.0x |
| Level 2 | 1.2x |
| Level 3 | 1.4x |
| Level 4 | 1.7x |
| Level 5 | 2.0x |
| Level 6 | 2.3x |
| Level 7 | 2.5x |
| Level 8 | 2.9x |
| Level 9 | 3.4x |
| Level 10 | 4.1x |

The digital zoom rate is the relative magnification rate when at the specified zoom level.

7. Warranty

(A) Warranty term is for 1 year with the exception of the battery.

(B) Warranty term for the battery is 6 months.

(C) Warranty does not cover problems that are caused by the user. It only covers manufacturer defects.

8. FCC Warning

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.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.