



# Juno Tips and Tricks: Camera



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**enhanced**  
vision

**Freedom**  
Scientific

**Optelec**

**TPGi**

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VISPERO® BRANDS

# Learning Objectives

The participant will:

- Observe using Juno's camera for reading, distance, writing & hobbies, and self-view.
- Practice using Juno's 180-degree rotating barrel camera.
- Observe how to rotate Juno's camera to four camera positions.
- Compare the various camera settings to complete specific tasks.



# Challenges

- While desktop magnifiers have close, distance, and self-view, they do not provide the portability of the Juno.
- Other hand-held devices do not have the option for self-view.
- Many portable devices do not offer the ability to view an image at a distance.
- It can be difficult to know tactually or auditorily what camera position you are in.



# Barrel Camera



- HD auto-focus camera rotates 180-degrees to support four camera positions:
  - Reading
  - Distance
  - Writing & Hobby View
  - Self-view

# Poll Question #1

How many views does Juno's rotating barrel camera have?

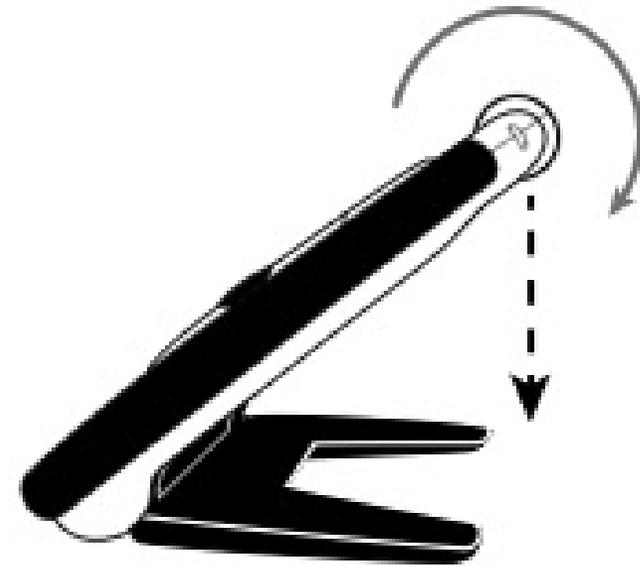
- 3
- 4
- 5
- None



# Reading View

Use Juno to read printed text and see images in magazines, catalogs, menus, paperbacks, textbooks, photographs, and other printed material.

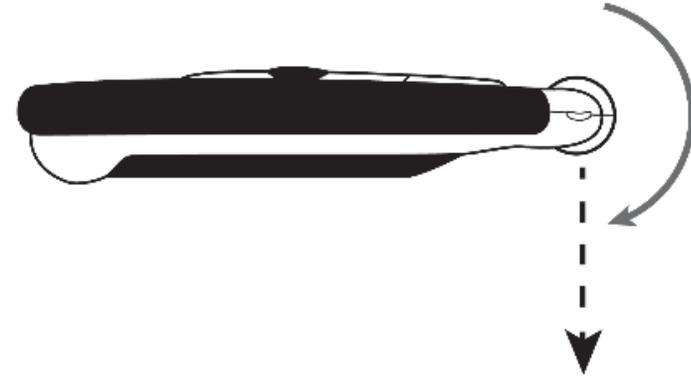
Lay the document flat on the desk. Open the stand and place the legs on top of the document. The camera will automatically adjust to reading view when opening the stand. You will need to move Juno over the document as you read.





# Using Juno for Spot Reading

- The best way to freeze or capture text is to close the stand and hold the device flat with the screen up. When closing the stand the camera automatically rotates 90 degrees so it is pointing down. Hold Juno over a document to get the best page magnification for magazines, catalogs, and books.
- To capture an 8.5-inch by 11-inch page, lift Juno approximately 8 inches above the document.



# Using Reading View for:

- Completing tests and worksheets.
- Reading mail.
- Using OCR on a page of a textbook.
- Reading Views
  - Snapshot Mode
  - Teleprompter Mode
  - Tickertape mode
- Zones
  - Text is separated by highlighted and numbered boxes to quickly jump to different sections in a document

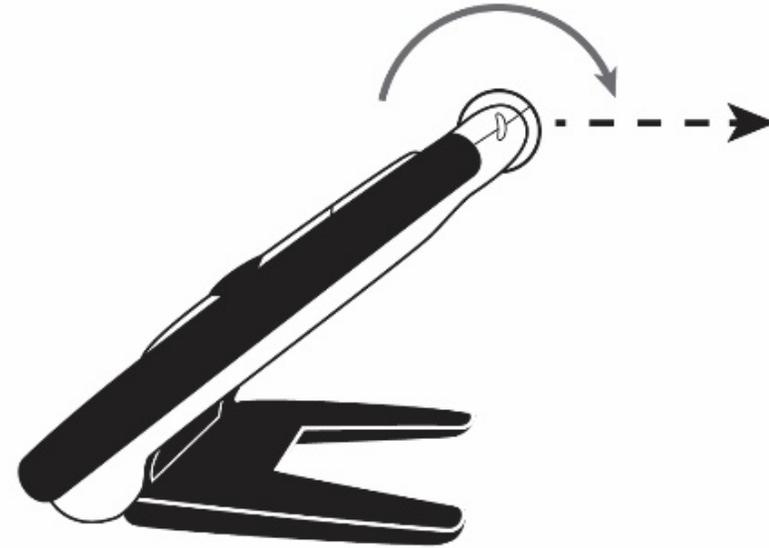




# Demonstration #1

# Distance View

- To view something at a distance, such as a whiteboard, open the stand and rotate the camera so that it is facing straight ahead parallel with the stand.



# Using Distance View for:

- Reading a price tag on a high shelf at the grocery store
- Viewing a flyer or poster
- Reading a bulletin board
- Seeing the whiteboard





# Demonstration #2

# Poll Question #2

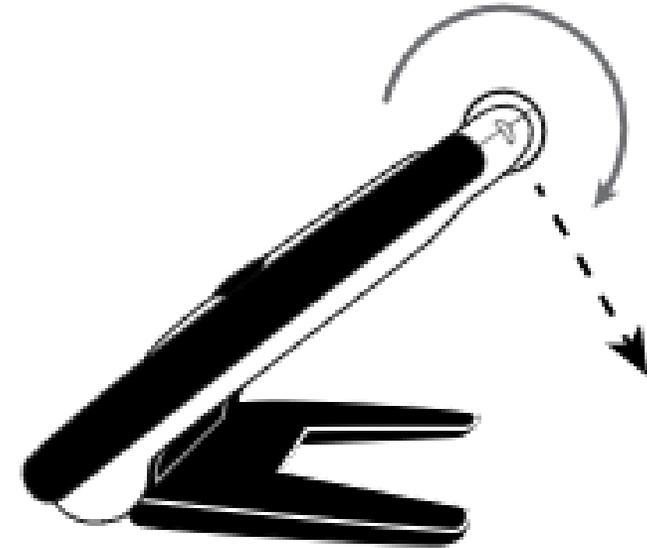
True or False: The camera automatically rotates into reading view by opening the stand.

- True
- False



# Handwriting or Hobbies

- Use Juno to write by opening the stand and rotating the camera so it is pointed down about halfway.





# Using Writing & Hobby View for:

- Fill out a form
- Sign your name
- Write a check
- Fill in a worksheet
- Sewing
- Needle point
- Coloring
- Painting nails





# Demonstration #3

# Poll Question #3

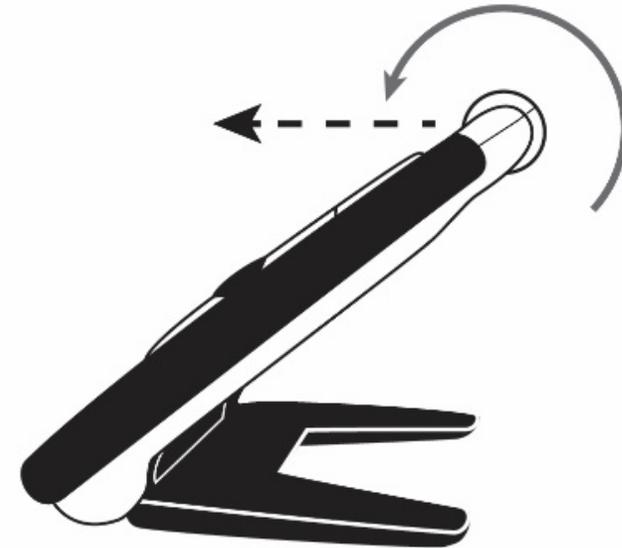
True or False: You can tell that the camera's rotation has changed by viewing what is on the screen.

- True
- False



# Self-View

- To view yourself, position the device so you are looking at the screen. The stand can be open or closed. Rotate the camera until it faces you and you can see yourself on Juno's screen.
- When the camera is facing you, the image is flipped so it is like you are looking in a mirror. A capture of your own image, however, is not flipped.
- LED lights are off when you enter this mode, but you can turn them back on.



# Use Juno's self-view for:

- Plucking Eyebrows
- Shaving
- Putting on Makeup
- Like a mirror to do a self-check before a meeting or after lunch





# Demonstration #4

# Daily Tasks

- Reading
- Writing
- Cooking
- Shopping
- Self-care
- Hobbies



# Ending Polls

What is the magnification range to be able to view distance reading materials?

- 5 ft.
- 10 ft.
- 15 ft.
- 20+ ft.

Do you use self-view?

- Yes
- No
- No, but with practice I can

In future builds of Juno, what updates would you benefit most from?

- LED lighting
- Mirror casting
- Higher magnification at greater distances
- Longer battery life



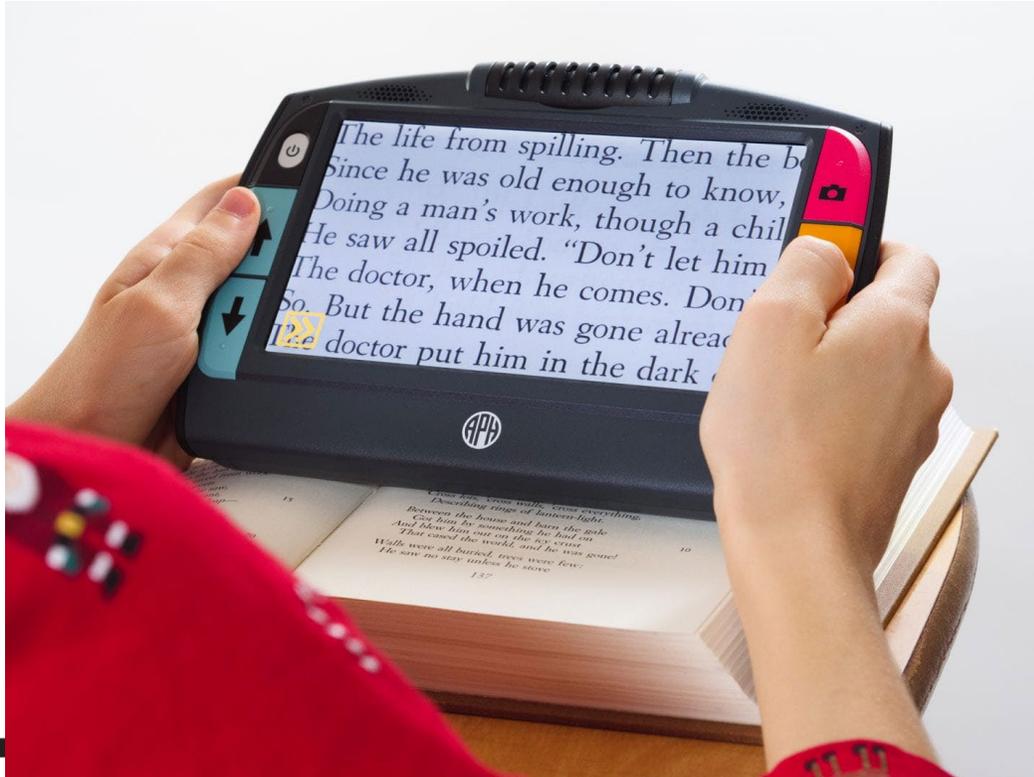


# Discoveries

- The Juno's barrel camera rotates into four camera positions: Reading view, Distance view, Writing & Hobby view, and Self-View.
- Users can complete many tasks using the Juno's barrel camera including checking mail and viewing posted menus at a distance.
- There are four possible reading modes: Zones, Snapshot, Teleprompter, and Tickertape.
- The lights turn off automatically in self-view mode but can be turned on by the user.



# Juno Pricing



- Quota Price: \$1,177.00
- Non-Quota Price: \$1,392.00