

8.7.2 DELETING ALL IMAGES / VIDEOS

While in the Folder Management setting, by touching any folder and then selecting the Edit icon at the top right corner, a user is able to select all images and videos for deletion by touching Select All located at the bottom left corner. After the selection is complete, touch delete to remove all images and videos. A prompt will be displayed noting “File cannot be restored after being deleted!”. Select OK to confirm or Cancel to exit.

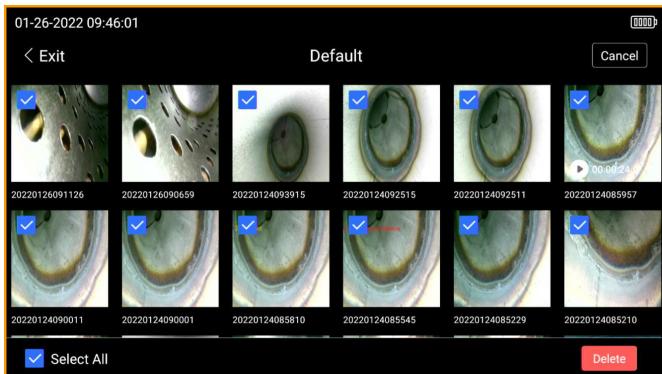


Fig. 8-11 Selecting and deleting individual images and videos while in the Folder Management setting

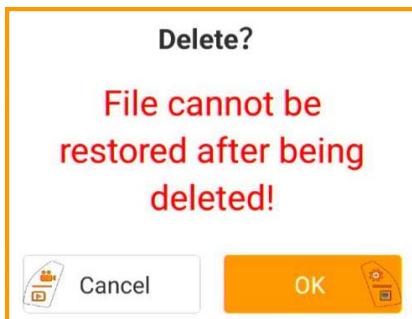


Fig. 8-12 Prompt displayed to confirm deletion of all images and videos selected



REMINDER

All Images and Video can be viewed, organized, renamed and deleted by removing the SD card (8.5.1) from the VJ-4 Borescope and using the supplied SD card reader with your computer.

8.8 SYSTEM SETTINGS IMAGE REVIEW AND EDITING

8.8.1 IMAGE REVIEW ICONS

	Zoom In	Zoom in on photos
	Zoom Out	Zoom out on photos
	Previous Image	Move to the previous image
	Next Image	Move to the next image
	Delete Image	Delete the current image
	Enter Image Editing Mode	Enter editing mode
	Rename The Current Image	To rename an image or video file name
	Return To Previous Screen	Go back to previous screen

8.8.2 IMAGE EDITING ICON

	Draw Icon	Select to draw or write free hand on an image
	Arrow Icon	Select to add arrow icons on an image
	Text Icon	Select to type text on an image
	Reference Measurement	Used to reference measurement
	Save Image	Save image with changes that have been made
	Settings Icon	Change the font size, line size, font color, curve color or arrow color.
	Undo Changes	Revert the image prior to any changes being made
	Return To Previous Screen	Go back to previous screen

8.8.3 EDITING INDIVIDUAL IMAGES

When viewing an image, by selecting the Enter Image Editing Mode icon users are able to view all image editing options.

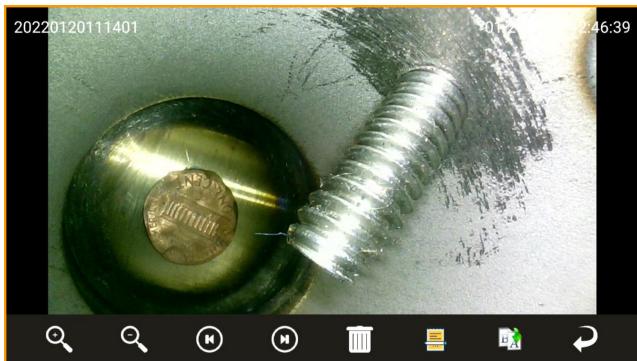


Fig. 8-13 Enter Image Editing Mode



Once in Image Editing Mode, the Draw icon allows users to draw or write free hand on an image.



Fig. 8-14 The Draw Icon

8.8.3 EDITING INDIVIDUAL IMAGES



The Arrow icon is used to add arrows to an image.

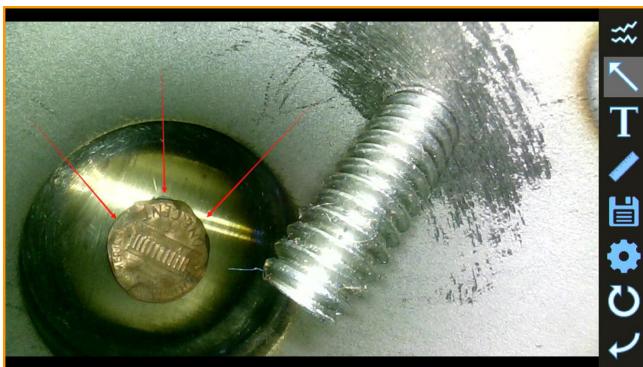


Fig. 8-15 The Arrow Icon



When the Text icon is selected, first touch the screen to locate the placement of the annotation. Next, type the text to be displayed and touch OK. Touching the Save icon saves all changes that have been made to the image.

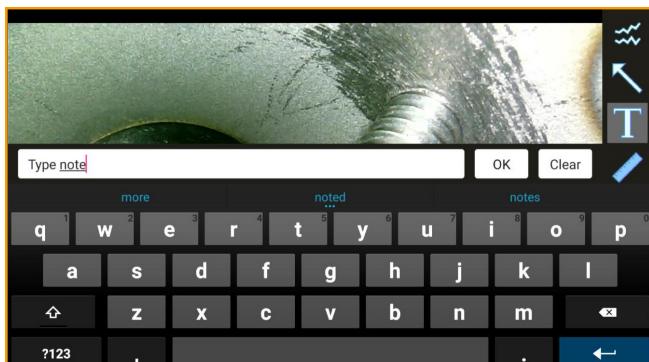


Fig. 8-16 The Text Icon and Keyboard

8.8.3 EDITING INDIVIDUAL IMAGES CONTINUED



Fig. 8-17 Text Displayed



Once selecting an image to use in Reference Measurement mode, begin by tapping two points on the screen to indicate your measurement reference.

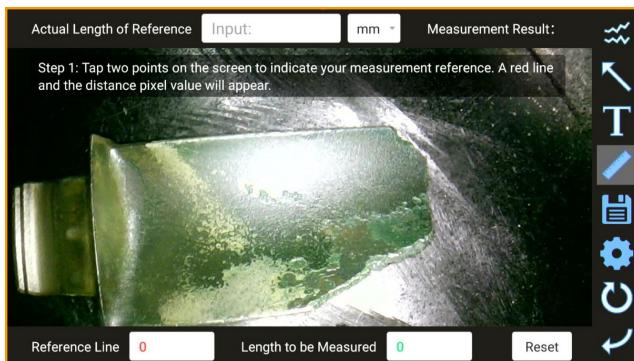


Fig. 8-18 Select an Image to Calculate Reference Measurement

8.8.3 EDITING INDIVIDUAL IMAGES CONTINUED

After completing the reference line, a red line and the distance pixel value will appear.

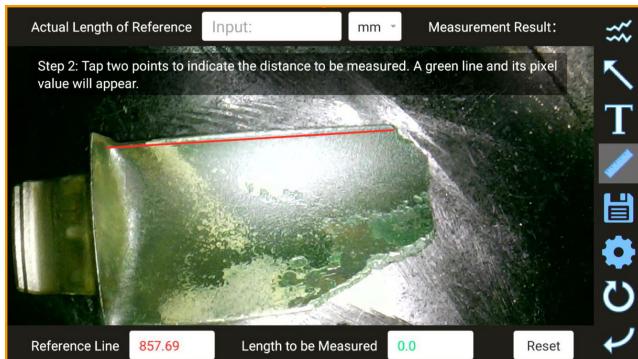


Fig. 8-19 The Red Line is the Reference Measurement

Next, tap two points to indicate the distance you would like to be measured. A green line and its pixel value will appear.

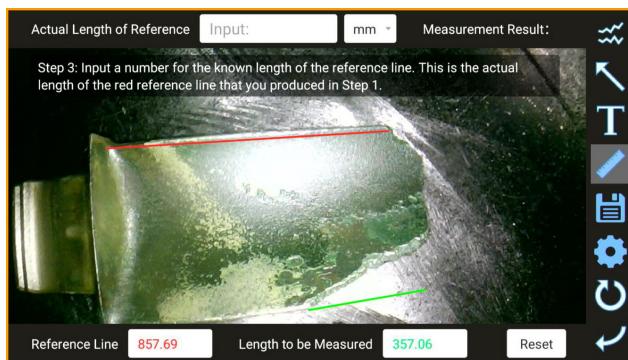


Fig. 8-20 The Green Line is the Length to be Measured

8.8.3 EDITING INDIVIDUAL IMAGES CONTINUED

After both a red reference line and green line to estimate measurement are completed, input a number for the known length of the reference. This is the actual length of the red reference line and can be measured in millimeters, centimeters or meters.

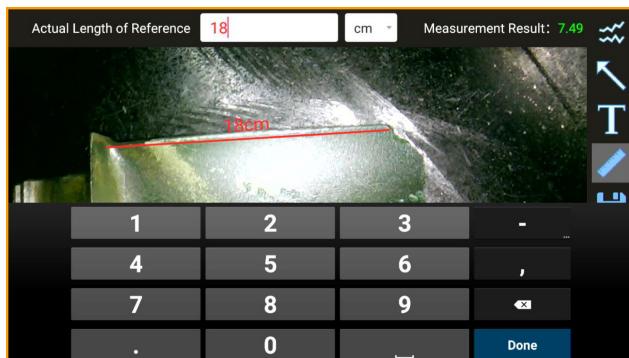


Fig. 8-21 Input the Known Length of Measurement

Once the length of reference has been entered, lengths to be measured will display.

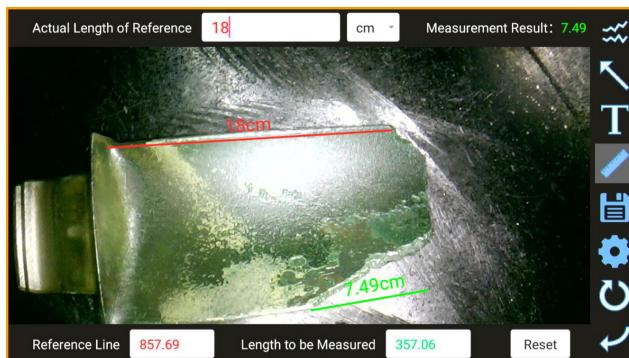


Fig. 8-22 Length to be Measured is Displayed

8.8.3 EDITING INDIVIDUAL IMAGES CONTINUED

Users can then estimate additional lengths to be measured, based on the original length of reference.

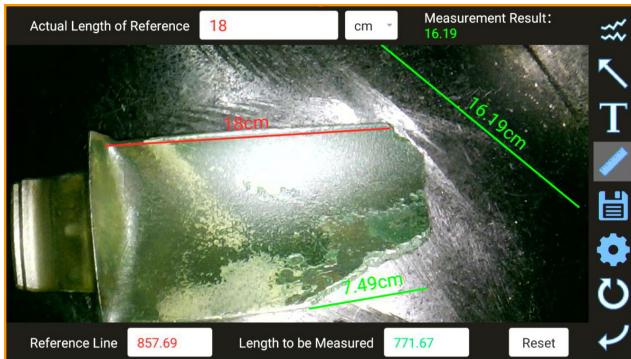


Fig. 8-23 Multiple Lengths Measured

Lastly, be sure to save the image for measurement results to display. If you were to exit the image without saving, all measurement information will be removed.

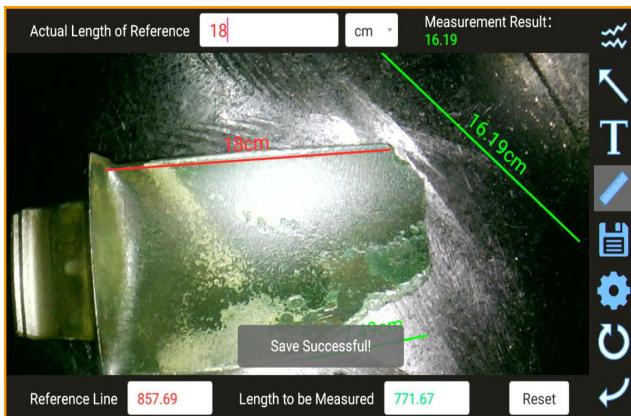


Fig. 8-24 Save Images Before Exiting

8.8.3 EDITING INDIVIDUAL IMAGES CONTINUED

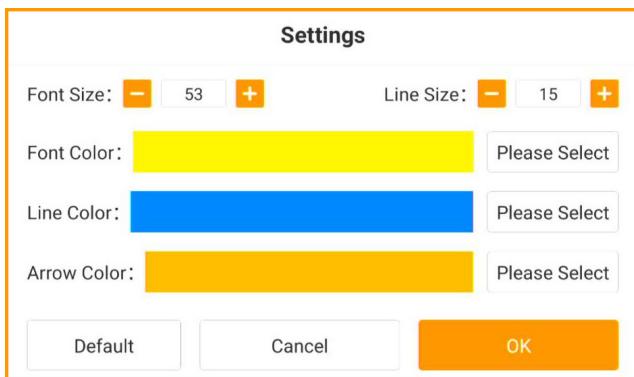


Fig. 8-25 The Settings Icon screen where font size, line size, font color, line color and arrow color can be adjusted.

9.1 CLEANING

CLEANING THE INSERTION TUBE

1. Wipe dirt, grease, grime and liquids from the insertion tube with a dust-free cloth.
2. Make sure that the insertion tube is completely dry before replacing the borescope back into the case.



WARNING

Do not store the borescope in a high temperature, high humidity or corrosive environment.

CLEANING THE OLED TOUCH SCREEN

If the OLED touch screen has fingerprints, grease or stains, wipe the screen with a dust-free cloth.

CLEANING THE BASE UNIT

Wipe the base unit with a dust-free cloth as needed.

9.2 REPACKING

1. Return the borescope to the case carefully in order to avoid unintentional damage to the insertion tube or camera / LED module.
2. Be sure that the joystick is in the center / neutral position and that the bending section is straight prior to inserting the borescope into the case.
3. When returning the borescope to the case, first carefully feed the insertion tube into the coil-wheel slot, then place the base unit into the case only after the insertion tube is fully inserted.

9.3 STORAGE

Store at normal room temperature and humidity. Do not store with flammable materials, in direct sunlight or around strong magnetic fields.



TROUBLESHOOTING

10.1 TROUBLESHOOTING GUIDELINES

If malfunctions cannot be resolved by following the troubleshooting guidelines below, please contact ViewTech for more detailed troubleshooting instructions or to request a Return Merchandise Authorization (RMA) and repair ticket:

MALFUNCTION	POSSIBLE CAUSES	PROPOSED MEASURES
Unable to capture images or video	No SD card	Install the SD card correctly
Still showing no SD card after insertion of SD card	SD card is not inserted properly	Re-insert the SD card into the slot
Automatic shutdown	Triggered by too high ambient temperature	Stop using, allow unit to cool down and then restart
	Triggered by too low battery level	Charge the battery
Unclear image	The camera lens or LCD monitor is dirty	Wipe clean with a dust-free cloth or swabs
Joystick resistance feels high—A lot of pressure is required to move the joystick	The insertion tube is coiled or bent too much	Straighten the insertion tube as much as possible

10.2 REPAIR

- Please contact ViewTech before sending your borescope in for repair. A detailed description of the problem and an overview of the operating environment or accident that may have caused the damage will be requested.
- Servicing and repairs of this VJ-4 borescope are to be performed only by ViewTech Borescopes. Do not disassemble or attempt to repair the VJ-4 borescope, as this will immediately void the warranty.

PRODUCT WARRANTY

The purchased product is covered under the manufacturer product warranty. The warranty becomes effective on the date the purchaser receives the original product. The warranty period is twelve months from the effective date. During the warranty period, the manufacturer will repair, at manufacturer's expense (including shipping expenses), any defective products or components. This warranty covers only those repairs that become necessary due to product defects or defects in manufacturer workmanship. This warranty does not cover damage to the purchased products due to misuse, abuse or accidents involving the products.

INVALIDITY OF PRODUCT WARRANTY

The manufacturer product warranty will be void regardless of the remaining warranty period if the product is opened, customized or tampered with by an unauthorized technician. If any repair or modification is performed by an unauthorized technician, ViewTech Borescopes will not be responsible or liable for any damage to persons or property that may result.

REPAIR PROCEDURE

To initiate a repair, regardless of whether the repair is under warranty or not, an RMA (Return Merchandise Authorization) number must be obtained. Any item(s) returned without an RMA number cannot be accepted or processed. Please follow the repair procedure as indicated below:

- Call ViewTech at 1-231-943-1171 to request a Return Merchandise Authorization (RMA) Number.
- Package the unit securely and ship the product to the address that will be provided along with the RMA number.
- Upon completion of the repair, the unit will be returned to the address specified by the customer.

If the repair falls outside the warranty terms or the warranty period, customer will receive notice of the repair charges prior to repair.

CERTIFICATION

Low voltage directive and EMC directive		Conforms to CE
WEEE directive		Conforms to WEEE
RoHS directive	RoHS	Conforms to RoHS

FCC Caution :

11.1 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

11.2 Information to user.

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

11.3 Information to the user.

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.

11.4 Specific Absorption Rate (SAR) information:

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmi er must not be co-located or operating in conjunction with any other antenna or transmitter.

- The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

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Traverse City, Michigan, USA
1.231.943.1171

WWW.VIEWTECH.COM

**SCAN THE QR CODE BELOW TO VIEW THE
MOST RECENT VERSION OF THE VJ-4 USER MANUAL
IN A DIGITAL FORMAT.**

