

IMPORTANT INFORMATION FOR

WSDA's Digital Image Pest Identification System DIPIS

Can be found at the below website



<http://agr.wa.gov/PlantsInsects/InsectPests/DigitalImagePestID/default.aspx>

Nikon SMZ18



E-mail viewer or lead identifier to go to the following web address

Yakima: <http://68.116.30.179/> Wenatchee: <http://173.209.172.8/>

Pasco: <http://71.93.21.227/> Olympia: <http://173.10.110.34/>

Brewster: <http://64.139.115.171/>

Nikon SMZ18

Appendix A. Scope layout

Appendix B. DS-L3 Main Unit Layout

Appendix C. Camera Menu Layout

Appendix D. Network and Scope Support



Remove the Nikon SMZ18 Plastic Cover



Confirm that the Optical path switch knob is on Photo/Bino



**Optical path knob should
completely be pushed in**

Light Source

1. Turn on light source with switch or dial.
2. Adjust light intensity with dial.

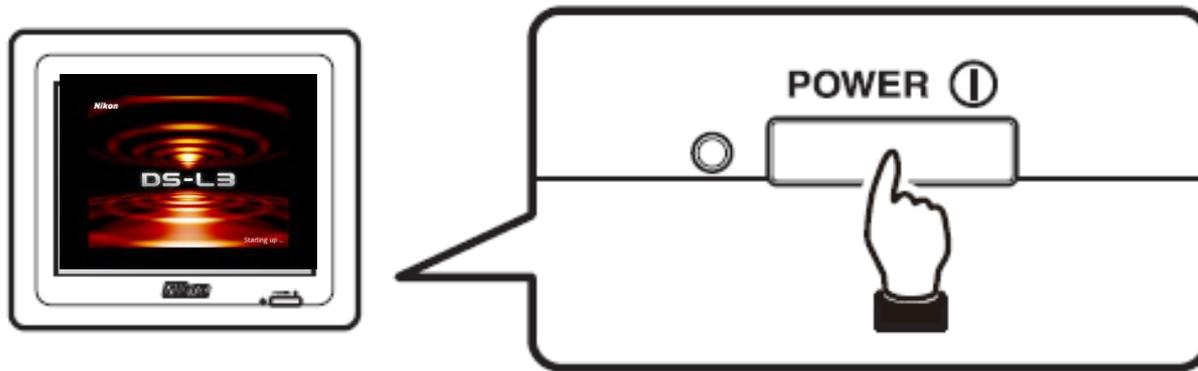


Switch



Dial

Turn on the DS-L3 unit



Operating power switch

The unit is on, if the light is green. Next the “Nikon” symbol will be displayed on the screen.

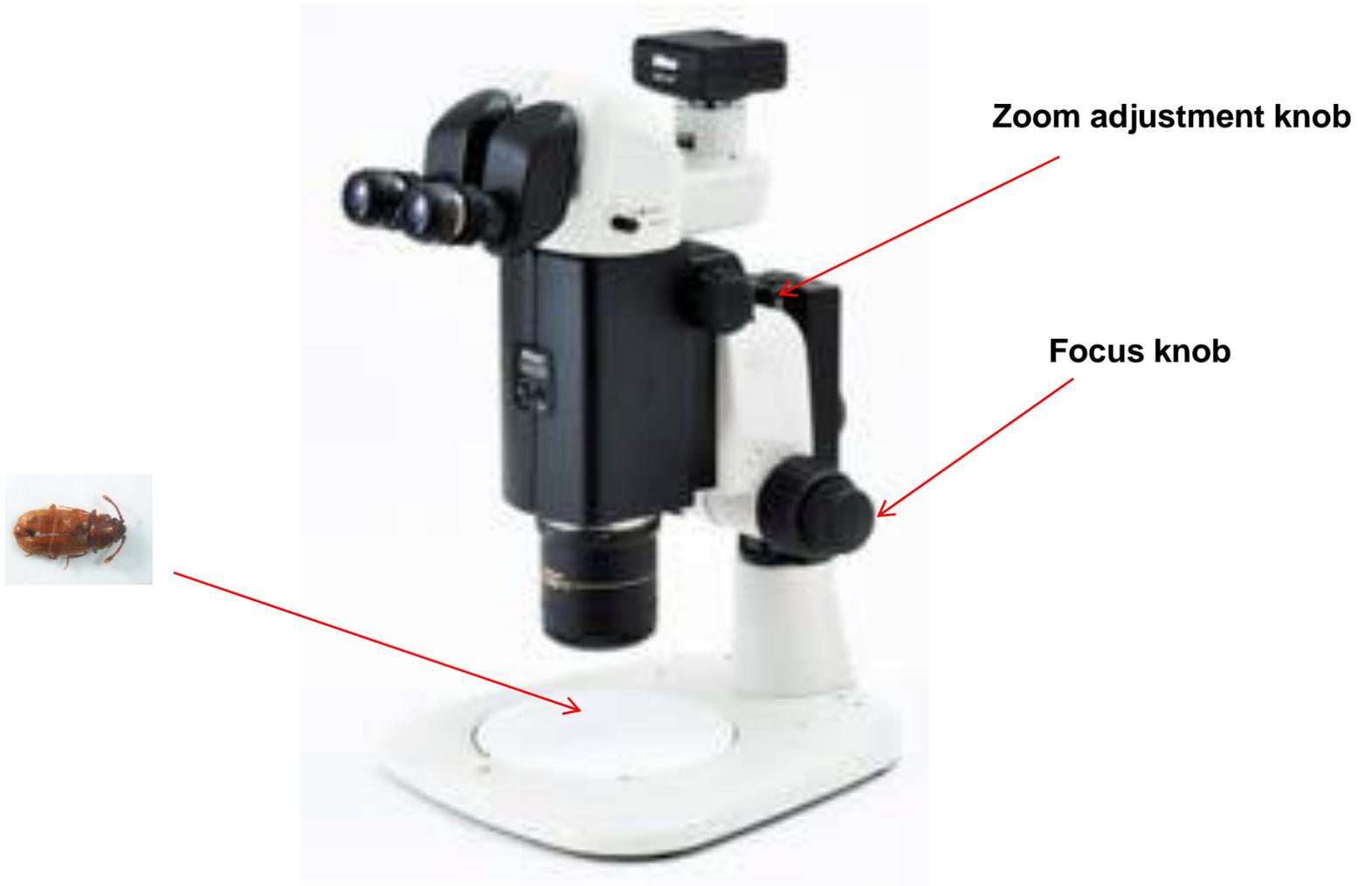
See Appendix B. DS-L3 layout

Turn on flat screen monitor



Note: Press **“Select”** on the flat screen monitor, if message is displayed on flat screen monitor.

Place specimen under scope

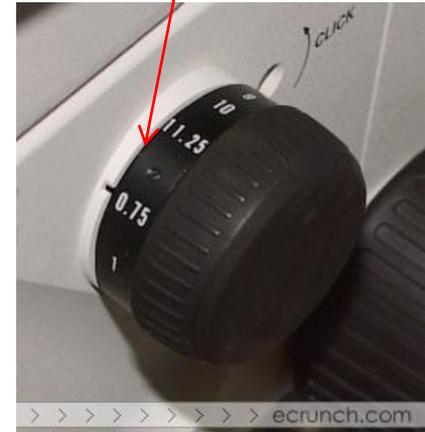


Appendix A. Microscope layout

Zoom adjustment knob



Align zoom adjustment to "1"

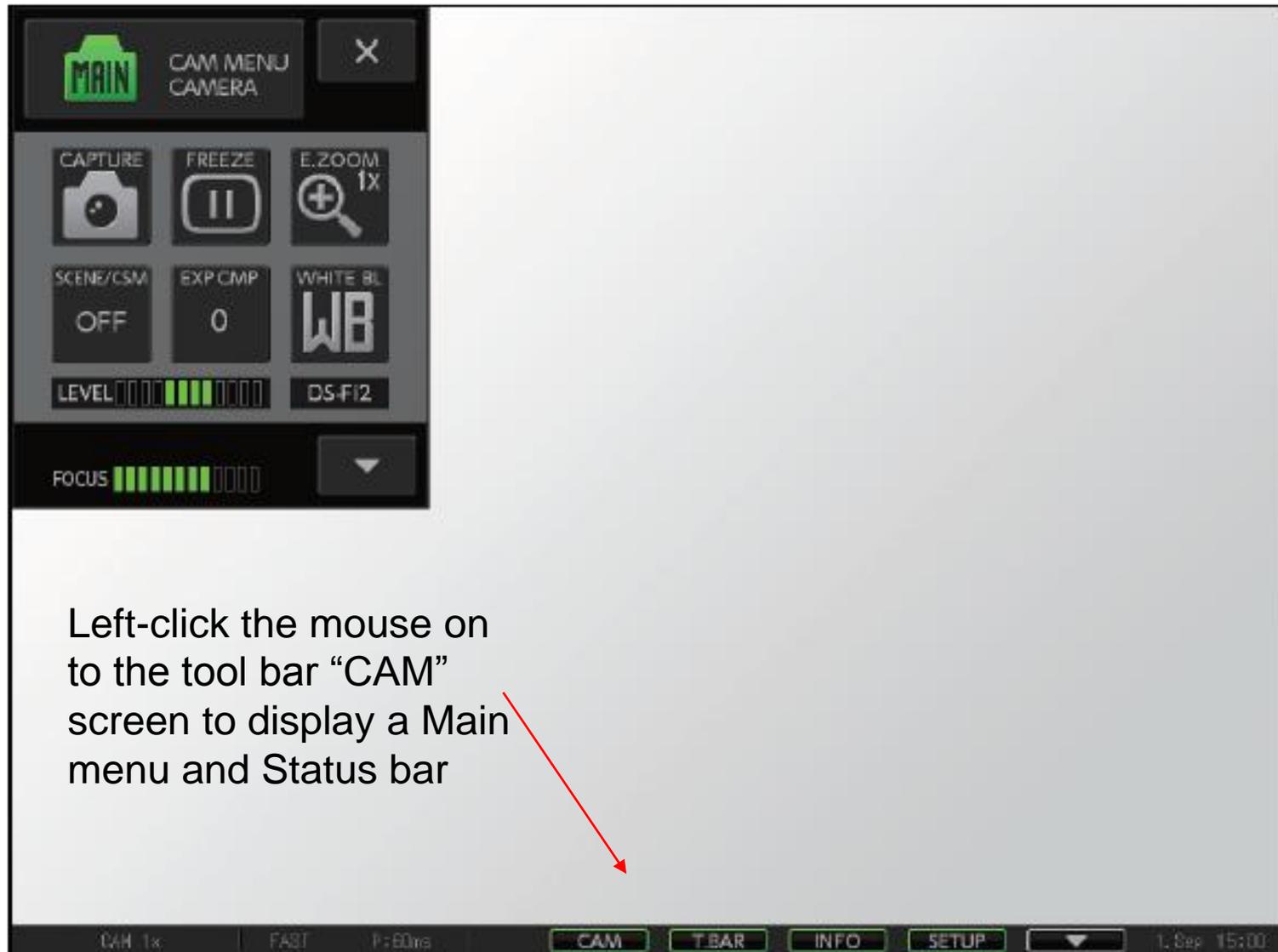


Focus specimen



Focus knob

[CAMERA CONTROL] screen



Left-click the mouse on
to the tool bar “CAM”
screen to display a Main
menu and Status bar

Remove specimen from scope

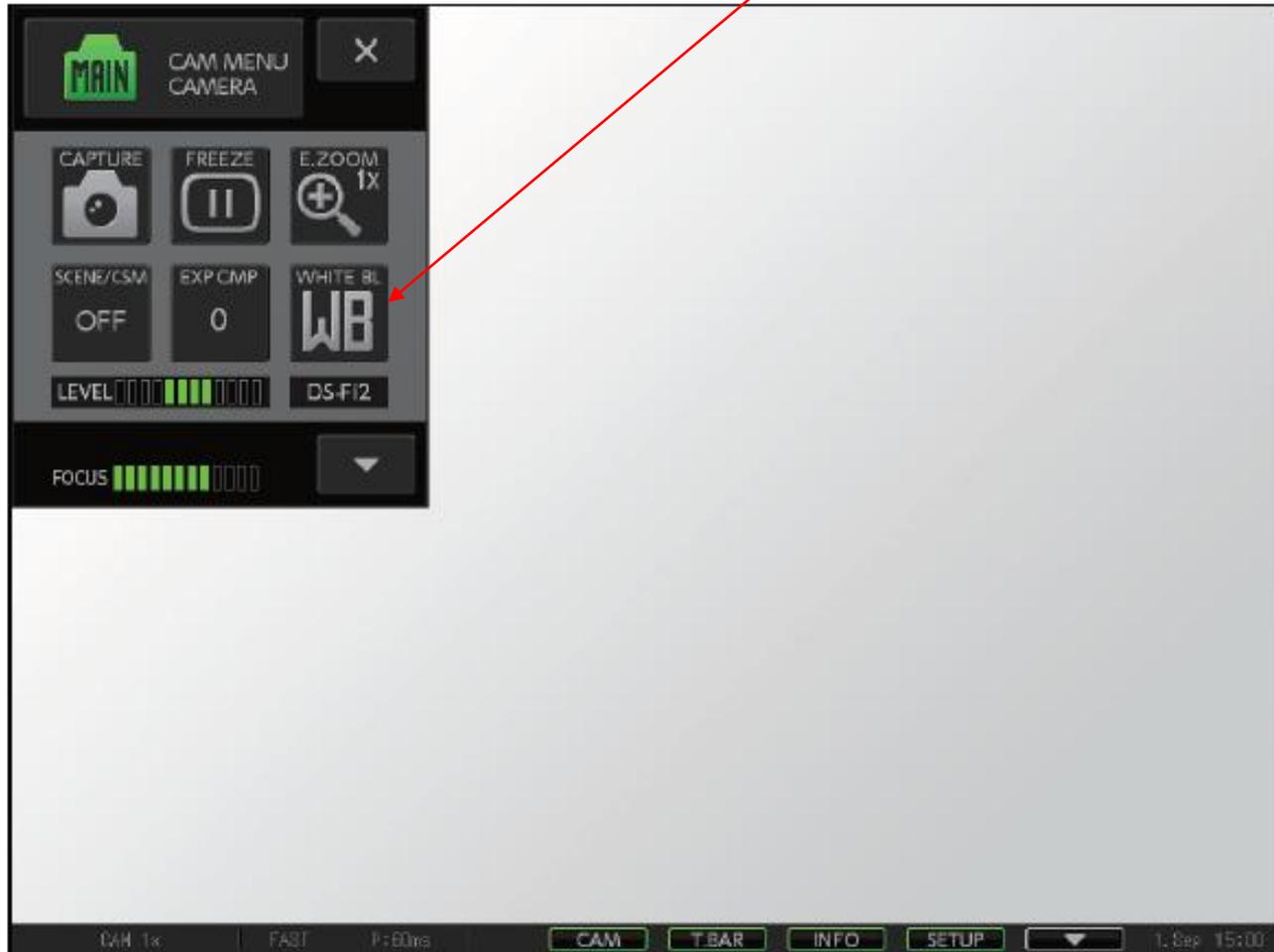


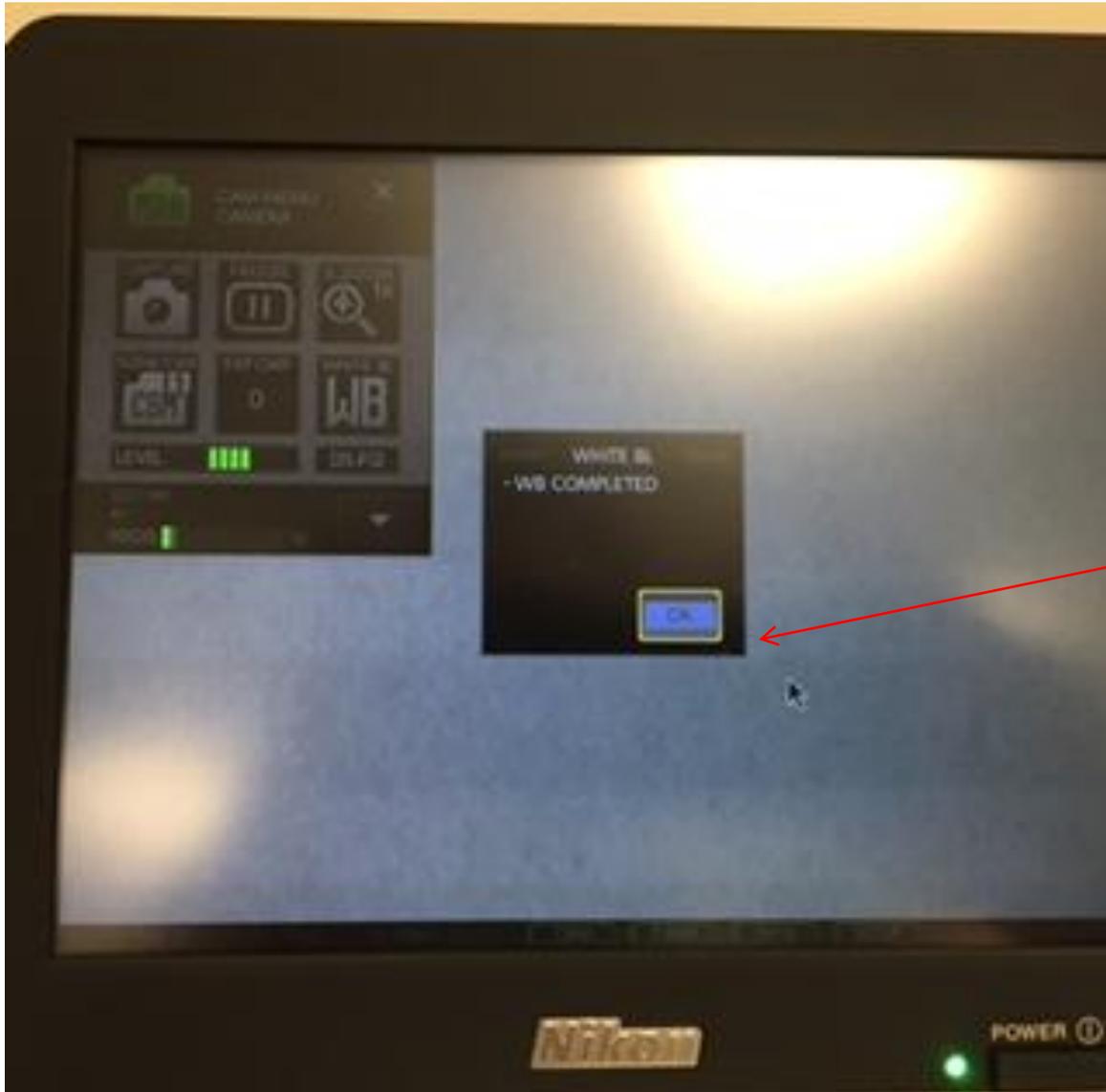
Place a plain white/black sheet of paper under Microscope.



Left Click the WB on the menu

[CAMERA CONTROL] screen





**After WB Left Click
the Ok on the menu**

Place the specimen on the plain white/black sheet of paper under scope



Use “Zoom Adjustment Knob” to adjust specimen size on flat screen as needed



Zoom adjustment knob

Focus knob

3. Adjust image clarity on flat screen with the Focus knob as needed

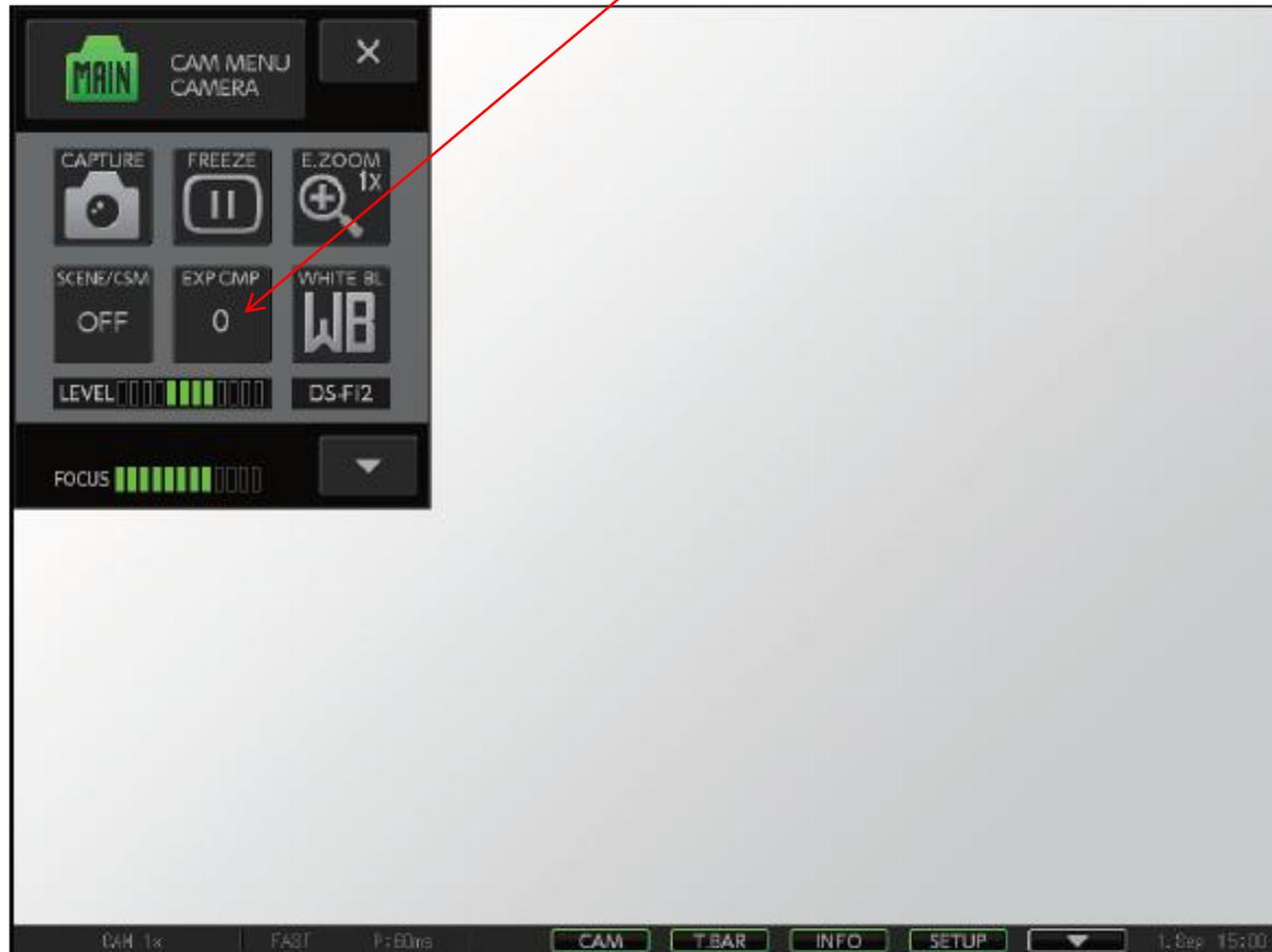
Call and e-mail Lead Identifier for that day

**If, you can not contact Lead Identifier for that day
Send e-mail to Identifier Distribution List**

To Adjust Brightness

Click the Exposure compensation button.

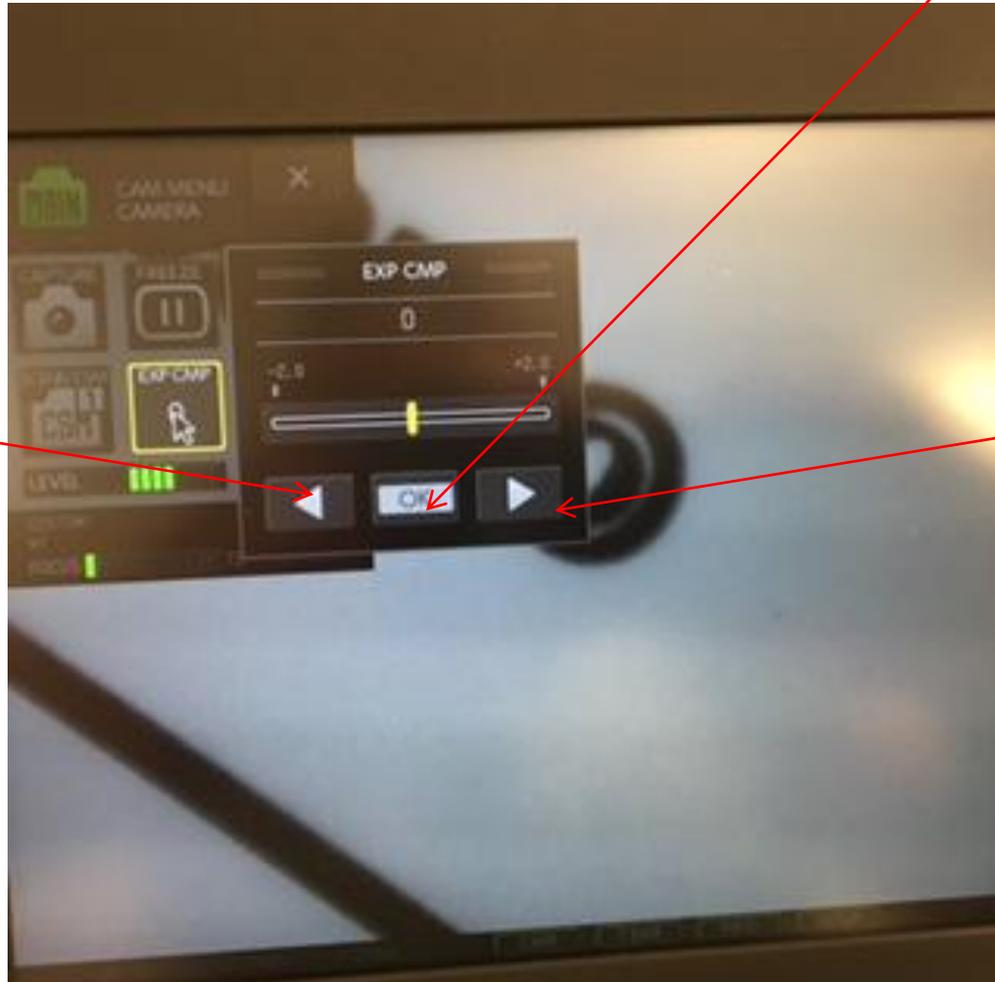
[CAMERA CONTROL] screen



To Adjust Brightness

Click the Exposure compensation button. Then press ok.

Darker

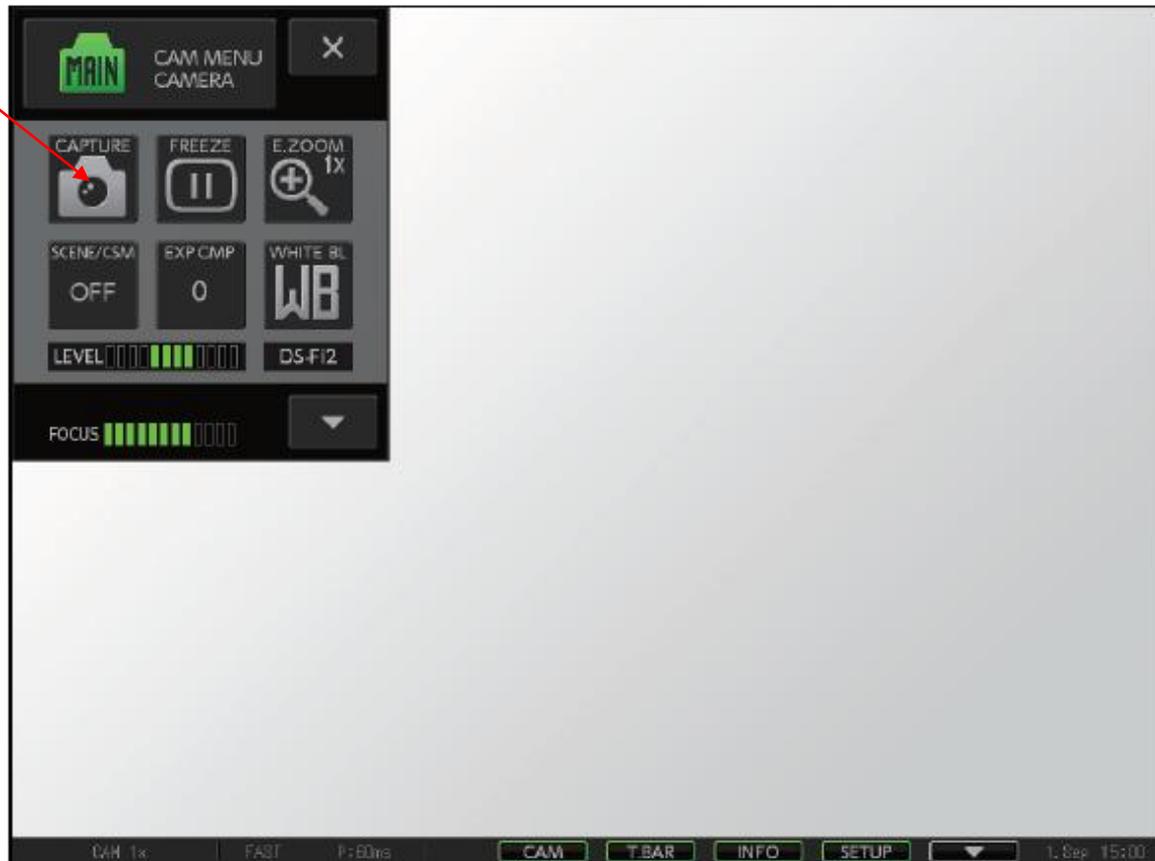


Brighter

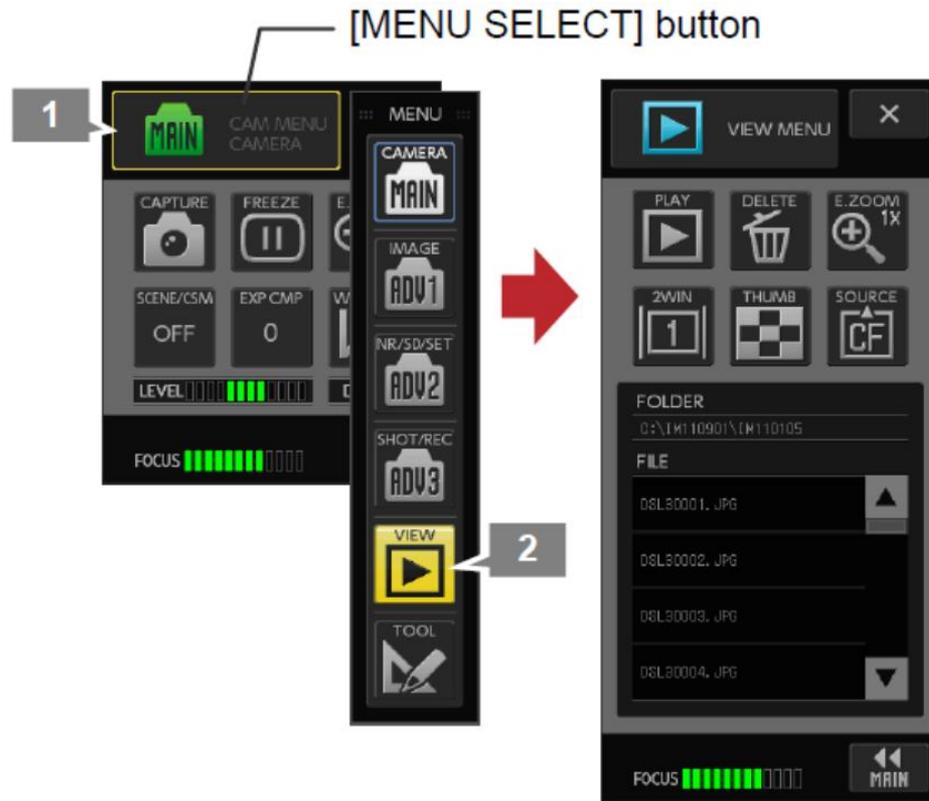
Capture Image

Left Click the Camera to save image

[CAMERA CONTROL] screen



To Review saved images



Switching operation menus
([CAMERA MENU] → [VIEW MENU])

Click the data reproduction
saved image

To Review saved images

1. Click saved image file

2. Click Play Button



Menu screen for playing back captured images.

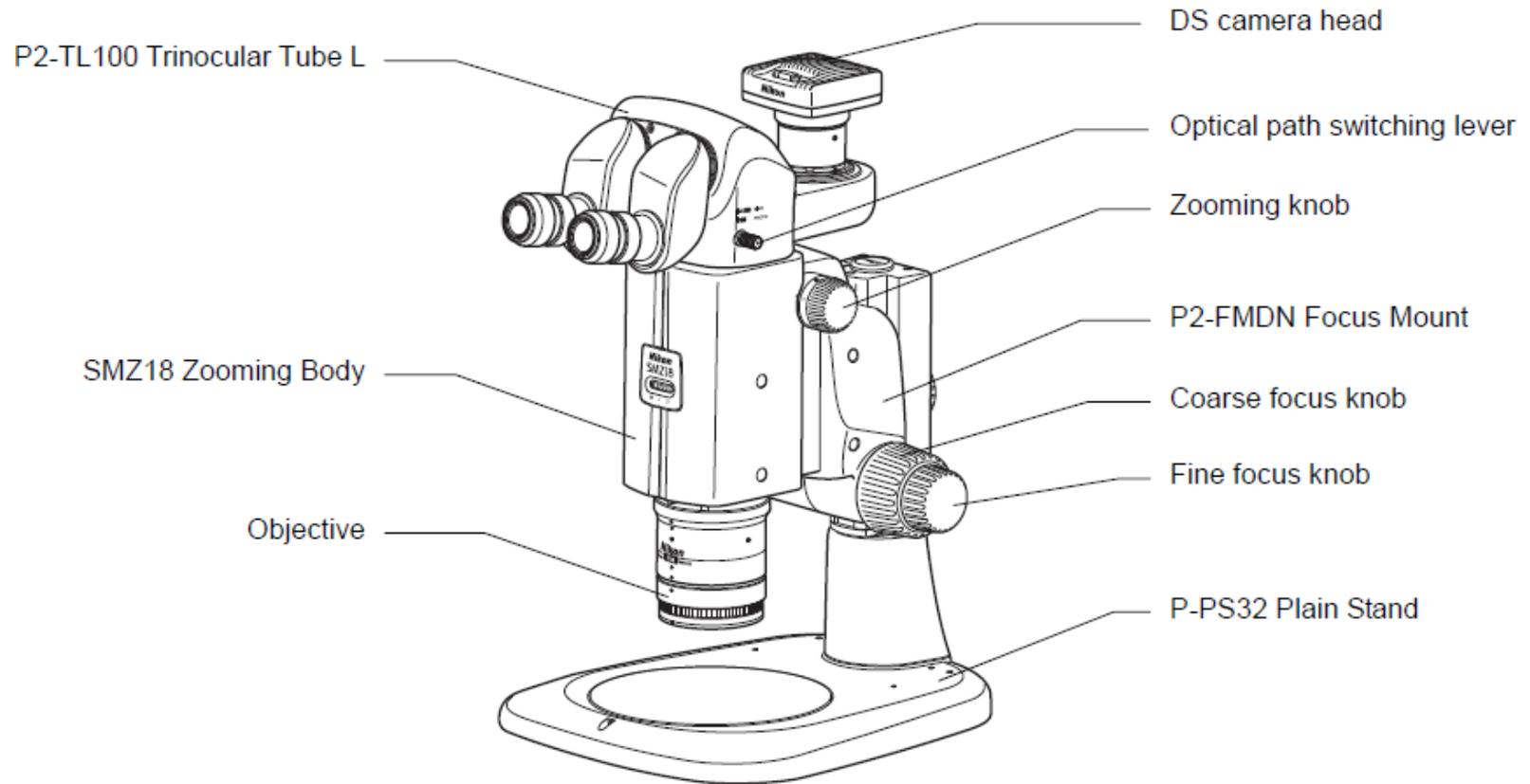
You can replay and delete images, turn the two screen mode on and off, and display thumbnails.

3. To Exit

Shut Down List

1. Remove specimen
2. Turn off flat screen monitor
3. Turn off DS-L3 (if not being used for web access)
4. Turn off scope light source
5. Place cover back onto scope

Appendix A. Microscope layout



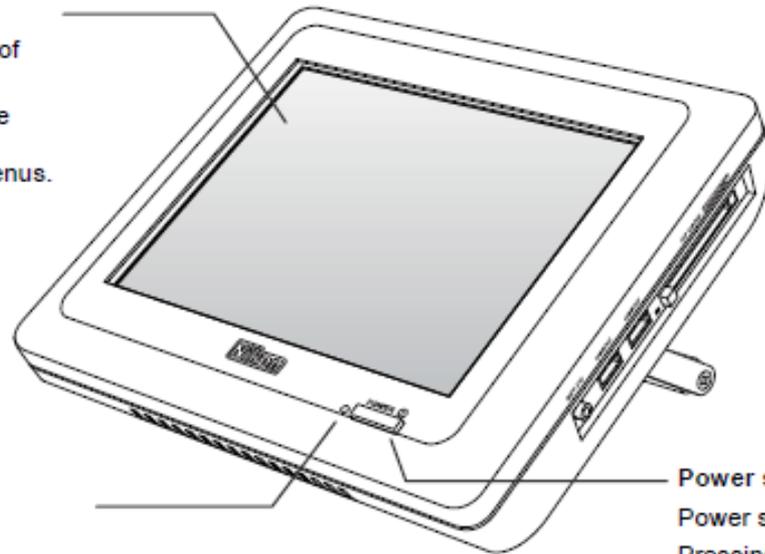
Appendix B. DS-L3 Main Unit Layout

Built-in monitor

Touch-panel 8.4-inch LCD monitor of XGA (1024 x 768 pixels).

Displayed on the screen are the live image from the DS camera head, replayed images, and operation menus.

Use the accessory stylus for menu operation.



POWER indicator (green/red)

Power indicator of DS-L3.

It blinks in green when the power becomes on, and lights in green when the device becomes operable.

When DS-L3 becomes unable to operate normally with some fault, this indicator lights in red.

Power switch

Power switch of DS-L3.

Pressing the switch turns the power on, and pressing it again turns the power off.

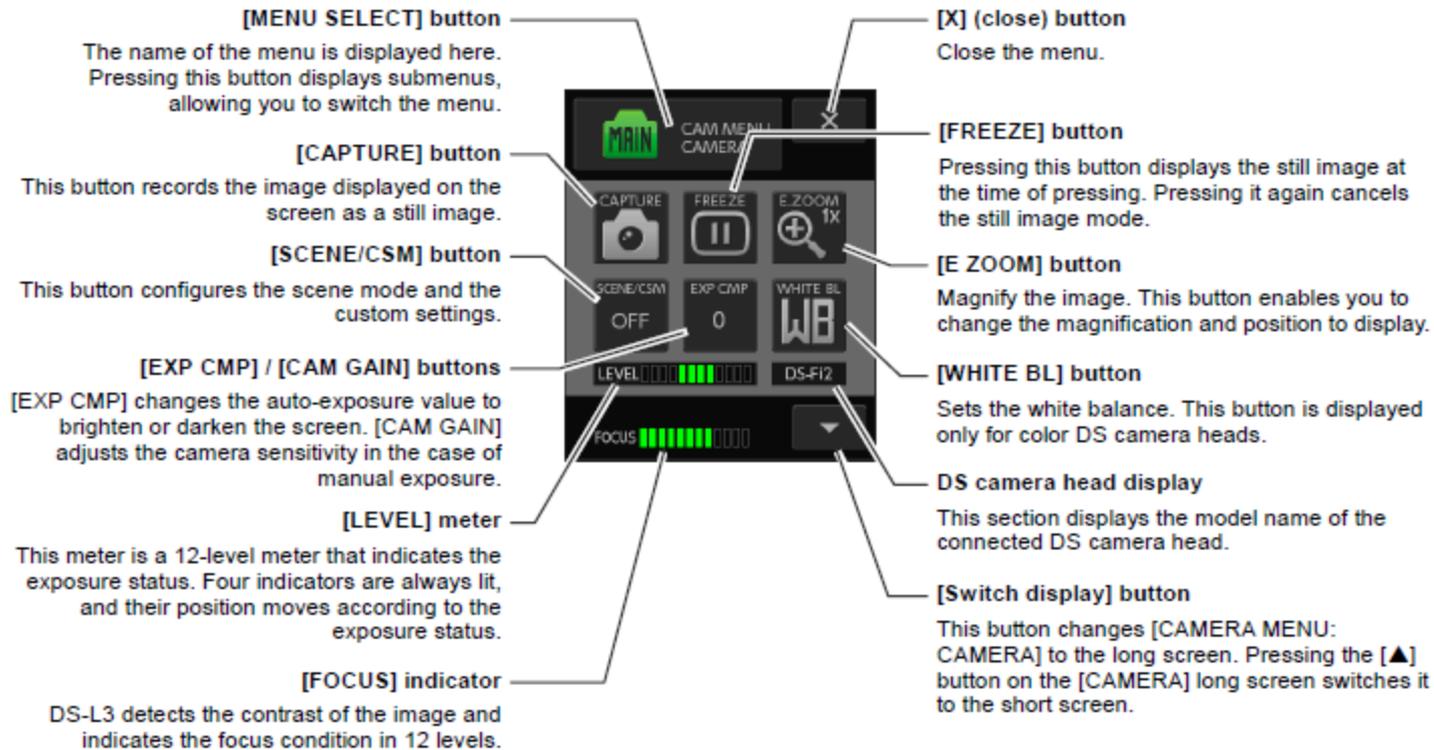
The POWER indicator lights up when the power is on.

Stylus

A stylus is supplied with the DS-L3 for operation on the touch-panel LCD monitor.

The stylus has a holder with double-sided sticky tape so that you can attach the stylus and holder to the DS-L3 and keep them together.

Appendix C. DS-L3 Camera Menu Layout



Items on the [CAMERA MENU: CAMERA] short screen

Appendix D. Network and Scope Support

Please contact for Network support: helpdesk@agr.wa.gov (subject line: NIKON)
Helpdesk: (360) 902-2008 or (509) 249-6990

Please call for Scope support: Jenni Cena
360-481-5735