

QUICK START GUIDE

# Smartzoom 100

*Version: 1.1 (May 2025)*



# **You're done before you know it.**

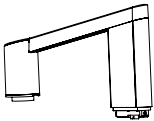
Assembling and installing the Smartzoom 100 is a simple four step process and requires no extra tools.

In fact, everything you need is laid out on the right-hand side of this page and is included with your delivery.

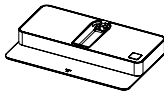
Easy, right?

Let's get started.

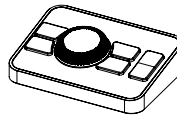
# Here is what is needed to assemble your Smartzoom 100



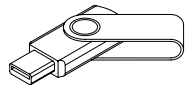
Arm



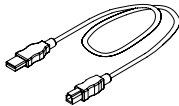
Base



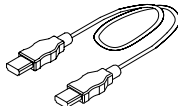
Controller



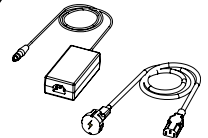
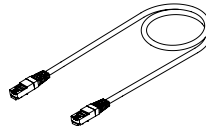
USB storage device



Cables



HDMI



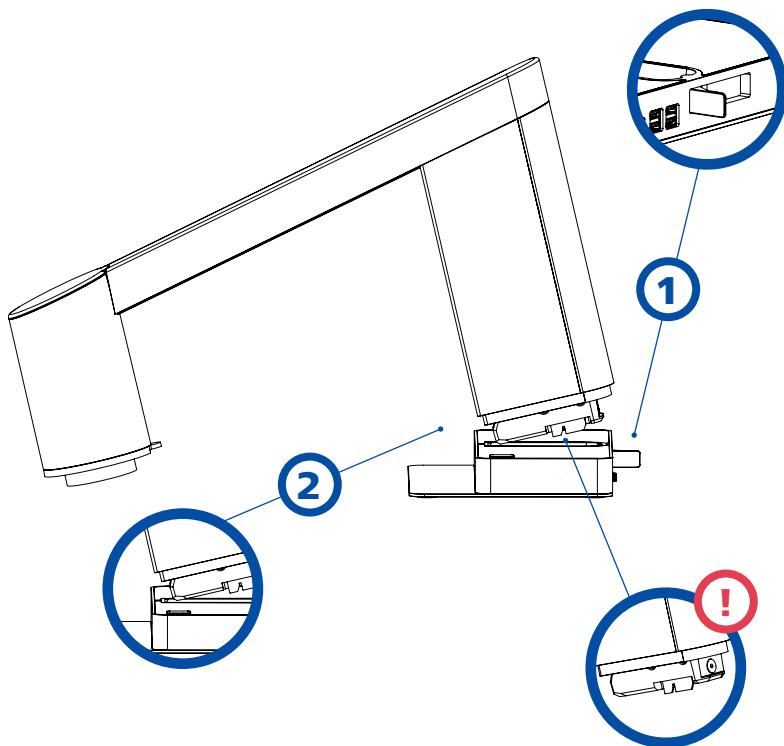
Power supply

Turn page to start the assembly

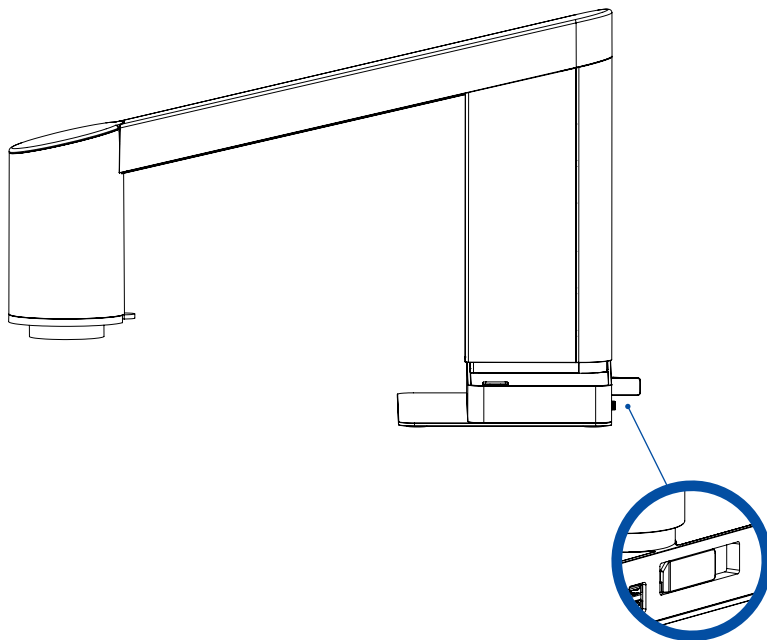


# **1 Open hatch and tilt arm forward to place it in the base**

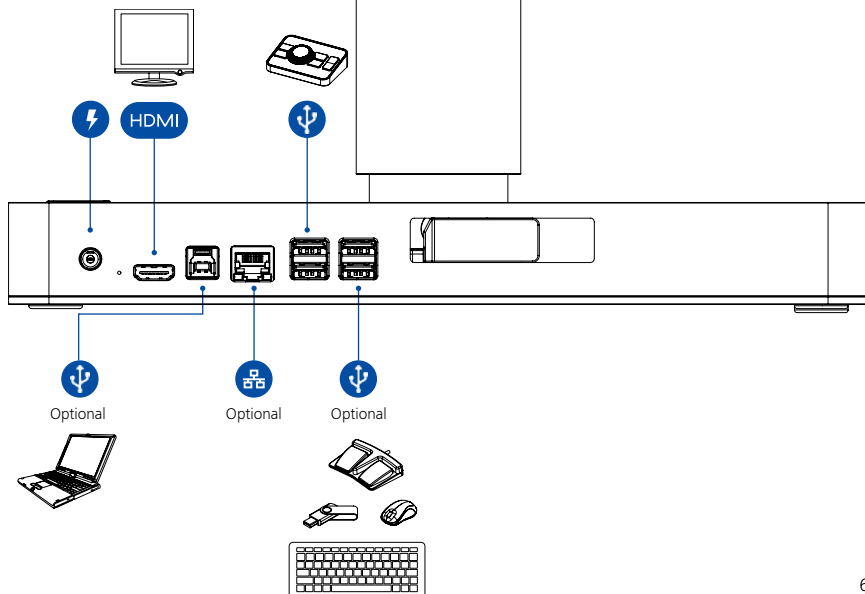
Be careful with the protruding PCB when tilting the arm upright.



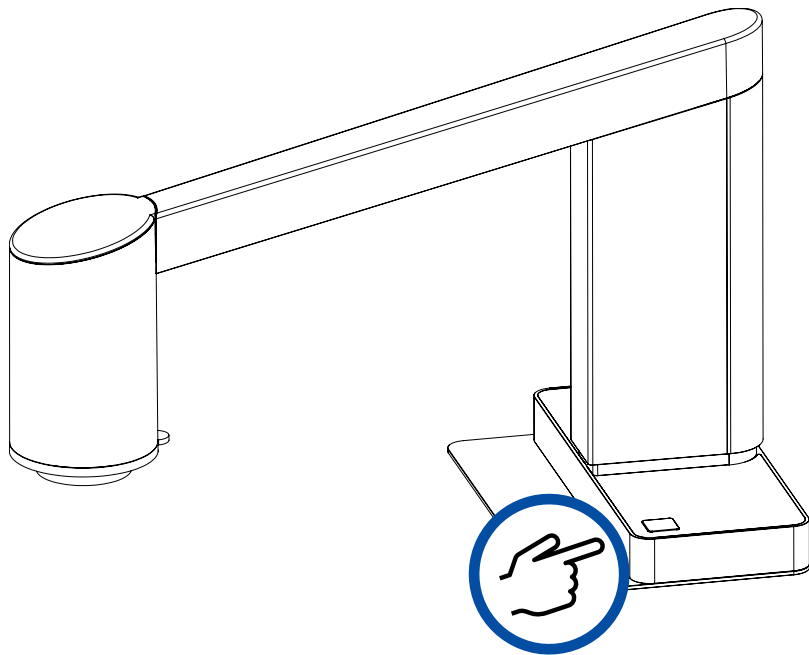
- 2 Tilt the arm upright and close the hatch**



### 3 Connect the cables



- 4 Press the power button when it lights up**



## 5 How to use the controller

### Back

Navigate back in menu  
(when menu is open).

### Menu

Open/exit menu.



### Navigate menu / control zoom

- Rotate button to navigate through the menu when open.
- Rotate button to zoom in and out (when the menu is closed).



## Select/Confirm or Toggle focus mode

### Short press

Select/confirm selection (when menu is open).

### Long press

Toggle between Autofocus and Manual focus mode (when menu is closed).

## Image capture

### Short press

Take image without graphics.

### Long press

Take image with graphics.

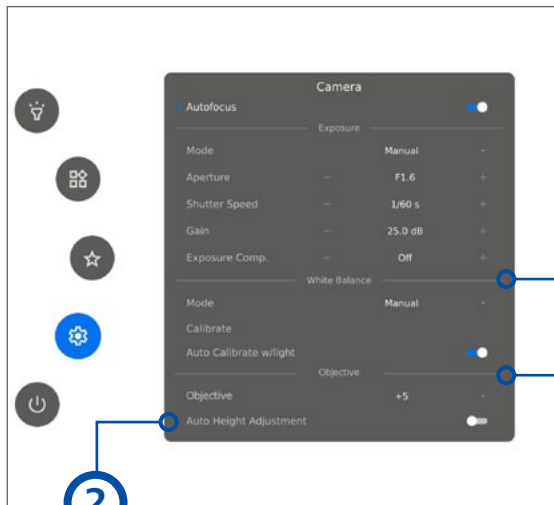
## Adjustment microscope height

Move microscope up or down.

## Go to Favourite menu

Quick access to user configured menu with short cut to favourite apps, functions and presets.

## 6 How to get a sharp image



### Perform White balance calibration

Place a Gray card in the microscope's field of view or use a white piece of paper for accurate color display.

### Activate Auto Height Adjustment

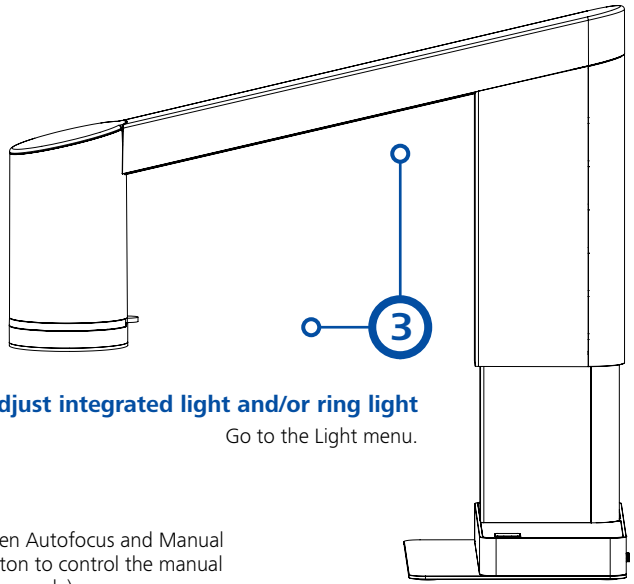
Find the right free working distance by activating Auto Height Adjustment.

#### Free working distance

- Objective +3: 330 mm (12.99")
- Objective +5: 200 mm (7.87")
- Objective +10: 78 mm (3.07")
- Objective +25: 34 mm (1.34")

### Specify objective

Check that the objective in the menu matches the objective mounted on the microscope.



### Adjust integrated light and/or ring light

Go to the Light menu.

### Control manual focus

Long press to toggle between Autofocus and Manual focus mode. Rotate the button to control the manual focus (when in Manual focus mode).



# That's it.

Well done, you've successfully assembled and installed your Smartzoom 100.

To learn how to use your new microscope, please have a look at the included manual.

You can also scan this QR code to find the manual in different language versions.

## CONTACT US

<https://www.zeiss.com/microscopy/en/service-support/support/contact.html>



## OTHER LANGUAGES?

Scan me to find the Smartzoom 100 manual in different language versions.

