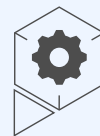
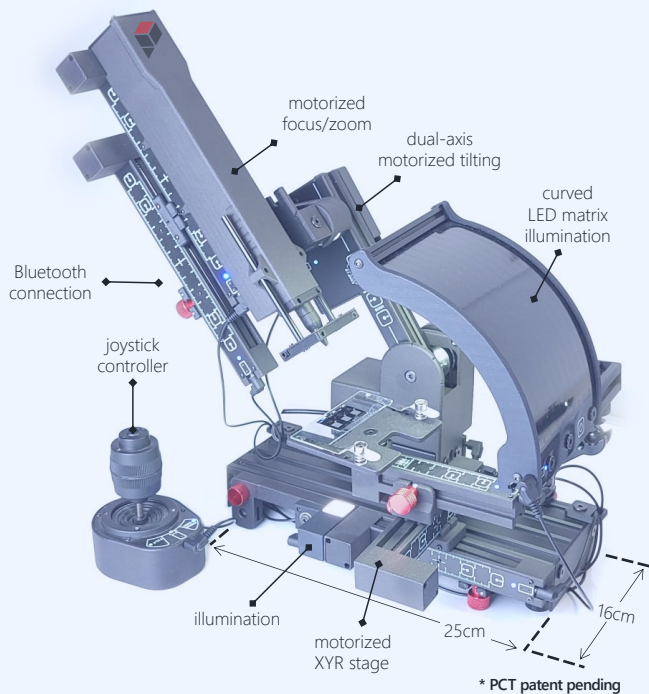
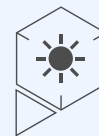


MRCL700

Motorized 2D/3D microscope and modular imaging system



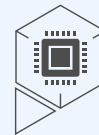
7 motors
with position
feedback



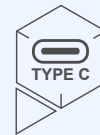
3 illumination
sources



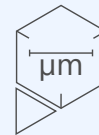
Modular and
reconfigurable



Programmable
and smart



Powered from
5V USB

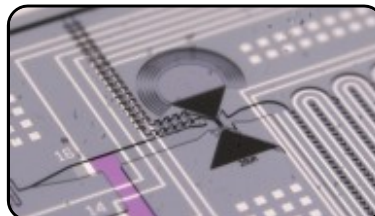


Imaging from
centimeters to
micrometers

MEMS, microfluidics, precision manufacturing, research, and education



2D/3D imaging of
transparent samples
(Glass, PDMS, COC, etc.)



3D imaging of reflective
surfaces (Si, metals, etc.)



3D macro photography

Compact design: 16cm x 25cm (base)

4K camera: 1/2" image sensor, Full HD @60fps or 4K @30fps

Illumination sources: Curved LED matrix, ring LED, and high-power LED with digital control

3D imaging: Dual-axis tilting with position feedback

Sample X-Y positioning: 16µm step resolution and position feedback

Sample rotation: 1 degree resolution with position feedback and customizable chucks

Motorized zoom and focus: Control from joystick, touch switches, computer or smartphone

Quick-release objective lenses: Imaging from 10cm to 1µm