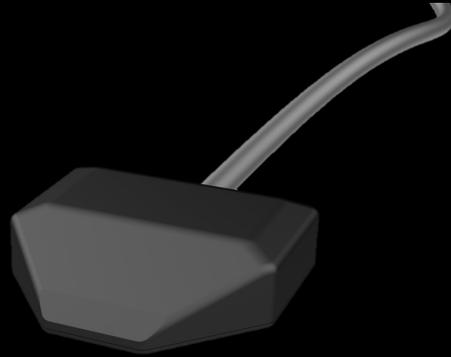


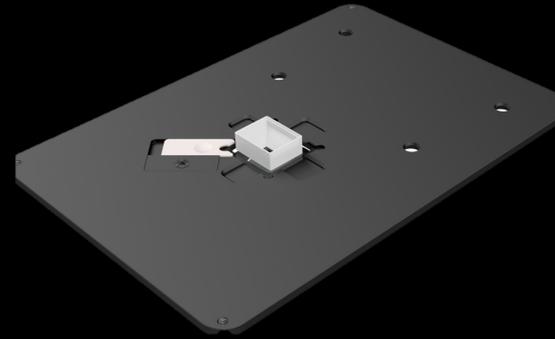
components



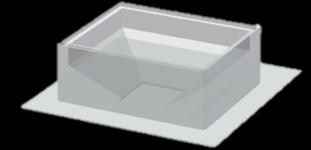
Control Unit
CU



Light coupling unit
LCU



Microscope adapter & chip carrier
MA & CC



QuChips
QC

Sample is directly mounted on the QuChip and inserted into the microscope adapter.

With one click TIRF measurements can be performed with ANY microscope.

LCU + MA + QuChip

- standardized footprint of 160 x 110 mm.
- can be even used with upright microscopes.
- waveguide intensity is monitored and actively feedbacked (controlled).
- universal design, works with all future QuChips.



control unit



- select waveguide, choose wavelength (1-6 colors), laser intensity and start your measurements.
- temperature control optional.
- trigger in/out for camera synchronization (up to 5 kHz modulation).
- remote control via serial (USB-C) and WiFi.
- over the air updates.
- universal design, works with all future QuChips.

