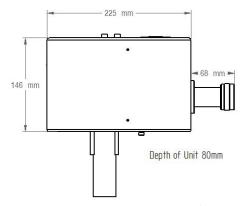
OPTOTIRE

Affordable Motorised Total Internal Reflection Fluorescence and Widefield Illumination











- Single molecule localisation & tracking
- Kinetic studies of single molecule interactions (i.e. ligand binding, protein: protein and protein: DNA interactions)
- Kinetic studies of proteins (i.e. actin filaments & microtubules)
- Super-resolution techniques (i.e. PALM/STORM) for subdiffraction localisation of single molecules

KEY BENEFITS

- Motorised movement of illumination spot for optimised point TIRF/oblique illumination
- Joystick or software control simple COM commands work with any software
- Motorised widefield bypass mode
- Accommodates single mode or (small) multimode fibre input
- Direct focusing of "TIRF" lens inside microscope frame
- Integrated field stop
- Simple optical path suitable for adaptation/optimization

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