DATASHEET

MULTICAM Multi-emission imaging using multiple cameras Engineered for super resolution quality

With custom designed optics, the Cairn Multicam offers superior image quality on camera sensors up to 25mm diagonal. The unit accommodates three of our standard filter cubes allowing light to be distributed on the basis of wavelength. polarisation state or focal depth. Each cube has fine mechanical X-Y adjustment for pixel overlay or deliberate image offset. The input of the instrument has a variable rectangular aperture enabling the use of cropped sensor mode on all detectors. Each port can be fitted with different magnification optics to accommodate all popular sensor sizes and a wide range of fields of view. As the internal optics are infinity corrected, manual or motorised filter changers can also be fitted to input and output ports.



APPLICATIONS

- Förster Resonance Energy Transfer (FRET)
- Simultaneous use of multiple dyes or genetic markers
- Ratiometric imaging
- Polarisation studies
- Simultaneous transmitted light and fluorescence
- Simultaneous high speed and high resolution
- Simultaneous multi Z depth imaging

KEY BENEFITS

- Can be configured for up to 4 cameras and easily upgradeable
- Choice of magnifications (upon request)
- Simple alignment and focussing
- Rapidly interchangeable cubes
- Improved camera clamps for enhanced rigidity on both upright and inverted frames



Please contact:

AHF analysentechnik AG Kohlplattenweg 18 72074 Tübingen, Germany

Tel.: +49 7071 53 952-00 info@ahf.de :: www.ahf.de

MULTICHANNEL EMISSION SPLITTING RANGE

NO.1 IN OPTICAL PERFORMANCE, STABILITY AND USABILITY

DATASHEET







AHF analysentechnik AG Kohlplattenweg 18 72074 Tübingen, Germany

Tel.: +49 7071 53 952-00 info@ahf.de :: www.ahf.de