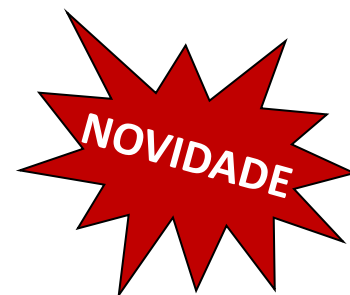


A Hamamatsu possui câmeras para microscopia de alta performance, ultra velocidade, amplo campo de visão e muitas outras qualidades. Excelentes para análise de imagens multidimensionais, em 3D, Ca^{2+} , etc. Confira abaixo:

ORCA®-Flash4.0LT Digital CMOS camera C11440-42U

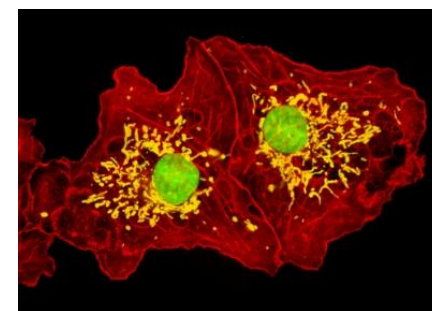
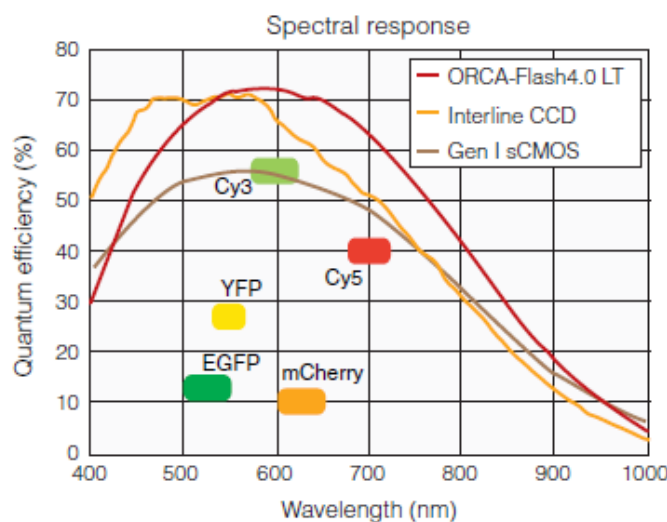
A brand new feature "W-VIEW Mode"



Performance beyond interline CCD

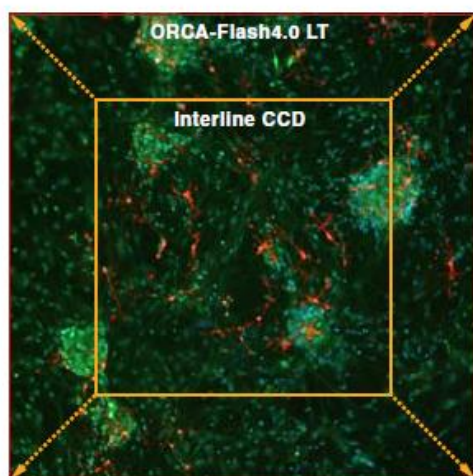
Excellent image quality

The combination of high quantum efficiency and low noise allows the ORCA-Flash4.0 LT to produce images that are both visually pleasing and quantitatively relevant. The ORCA-Flash4.0 LT exceeds the SNR performance of Gen I sCMOS at all input photon levels and that of interline CCDs at less than 5000 photons per pixel. This means reduced exposure times that maintain strong SNRs across a broad range of sample intensities while at the same time providing large field of view and better temporal resolution as compared to CCDs.



Large field of view

The ORCA-Flash4.0 LT provides 3x larger field of view compared to commonly used interline CCDs (e.g., ICX285) and is ideally suited to utilize the entire field of view of research microscopes.



Aplicações:

- ❖ Brightfield microscopy
- ❖ Cellular dynamics
- ❖ DIC/Phase contrast
- ❖ FISH
- ❖ Fluorescent protein expression
- ❖ FRAP
- ❖ FRET
- ❖ High speed Ca^{2+} imaging
- ❖ Immunofluorescence
- ❖ In vivo imaging
- ❖ IR-DIC
- ❖ Light sheet microscopy
- ❖ Localization microscopy
- ❖ Luminescence
- ❖ Single molecule detection
- ❖ Spinning disk confocal microscopy
- ❖ Structure illumination microscopy
- ❖ Time-lapse fluorescence
- ❖ TIRF microscopy

Contate-nos e peça já sua cotação!