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SPECIFICATIONS

Type:

Camera Accessory

Regulatory Compliance

PRODUCT DETAILS

- Long Exposure CMOS (Over 60 Minutes)
- Feature Extended Dynamic Range (EDR)
- Dual Imaging Modes for Flexibility
- Scientific Cameras for High Sensitivity Microscopy Applications

Teledyne Photometrics Retiga E USB Cameras feature ultra-low dark current (<0.001 electrons/pixel/second), enabling exposure times of over an hour for low-light and long-duration imaging. The cameras feature EDR mode, which combines a large full-well capacity with low read noise to capture both intense and weak signals in the same image. The Retiga E series offers dual imaging modes; a long exposure mode enables ultra-sensitive, low-light imaging, and a fast capture mode for high-speed acquisition. The dual modes provide flexible performance for both static and dynamic scientific applications. Teledyne Photometrics Retiga E USB Cameras are ideal for time-lapse imaging in cell colony growth, fluorescence microscopy, and bioluminescence/chemiluminescence imaging. These cameras include Teledyne's proprietary-designed software platforms, Beacon and PIVCAM, for optimizing camera performance and ease of system integration.