



25 Mega Pixel Camera (USB 3.0)

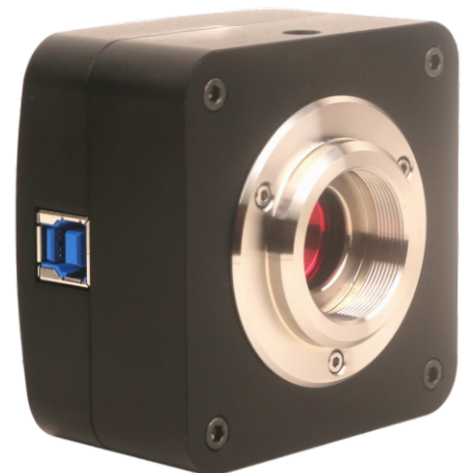
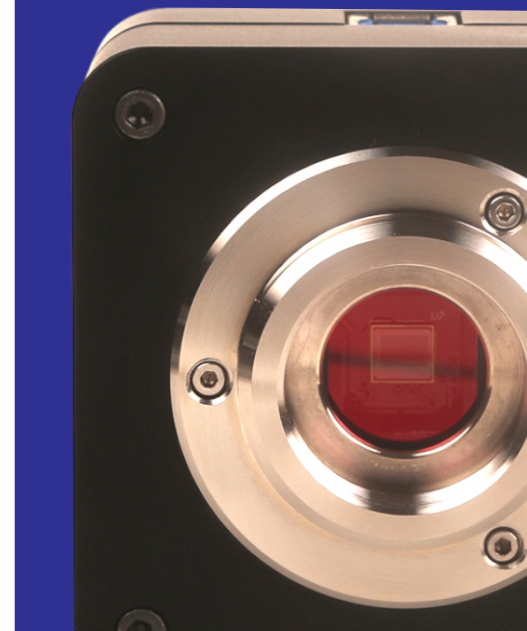
Features:

- SONY Exmor Back-illuminated CMOS sensor with USB3.0 interface;
- Real-time 8/12/14/16bit depth switch(depending on sensor);
- Super high sensitivity up to 2350mV(IMX385);
- Ultra low noise and low power dissipation;
- With hardware resolution among 1.5M to 20M;
- Rolling Shutter or Global Shutter; Standard C-Mount camera; CNC aluminum alloy housing;
- With advanced video & image processing application ToupView;
- Ultra-fine Color hardware Color Engine ensuring high frame rates(Up to 15 frames for 20M Resolution);
- Windows/Linux/macOS/Android multiple platform SDK;

Technical Specification:

- **Order Code:** UC-25
- **Sensor & Size(mm):** 25M/IMX511©, with a size of 1/2.3"(5.519x5.519)mm.
- **Pixel(μm):** Each pixel measures 1.12x1.12 micrometers
- **G Sensitivity Dark Signal::** 96.3mv with 1/30s & 0.1mv with 1/30s
- **FPS/Resolution:**
 - > 12 frames per second at 4928x4928 resolution
 - > 46 frames per second at 2464x2464 resolution
 - > 100 frames per second at 1648x1648 resolution
- **Binning:** Supports binning at 1x1, 2x2, 3X3
- **Exposure:** Exposure time ranges from 0.013 ms to 15 sec.
- **Image format:** BMP, JPEG, RAW, TIFF, AVI

ULTRACAM UC-25



Sample Images Captured with ULTRACAM UC-25

