



QHD-164K

16 MP 4K Ultra HD Camera

(HDMI+USB 3.0+LAN+Wifi) Multi-outputs C-mount CMOS Camera)

Features:

- Sony STARVIS 2 back-illuminated CMOS sensor
- 4K HDMI/ NETWORK/ USB multiple video synchronous outputs
- 4K/1080P auto switching according to monitor resolution
- High frame rate output, supporting up to 4K 75fps
- Support 4K 60fps low delay HDMI output mode, with an average delay of 40ms
- SD card/USB flash drive for captured image and video storage, support local preview and playback
- New browsing function, providing rich file operations
- Excellent ISP with local tone mapping and 3D denoising
- Provide two sets of default ISP parameters for biological and stereo microscope
- Embedded XCamView for the control of the camera control, image processing and measurements
- ToupView/ToupLite software for PC
- iOS/Android applications for smart phones or tablets

Technical Specification:

- **Order Code:** UC-164K
- **Sensor & Size(mm):** Sony IMX283©, with a size of 1/1.1"(13.06x7.34)
- **Pixel(μm):** Each pixel measures 2.4x2.4 micrometers
- **G Sensitivity Dark Signal::** 1847mv with 1/30s, 0.84mv with 1/30s
- **FPS/Resolution:**
 - > 20 frames per second at 5440x3060 resolution
 - > 30 frames per second at 2688x1512 resolution
 - > 30 frames per second at 1920x1080 resolution
- **Binning:** Supports binning at 1x1
- **Exposure:** Exposure time ranges from 0.104 ms to 1000 sec.
- **Image format:** BMP, JPEG, RAW, TIFF, AVI



Sample Images Captured with ULTRACAM UC-164K

