



20 Mega Pixel Camera (USB 3.0)

Features:

- Standard C-Mount camera with Aptina or Panasonic CMOS sensor;
- With hardware resolution among 16M to 18M;
- Ultra-fine™ HISP VP and USB3.0 5 Gbps interface ensuring high frame rates (Up to 13 frames for 18M Resolution)
- CNC aluminum alloy housing;
- USB3.0 5Gbps interface ensuring high speed data transmission;
- Ultra-Fine color engine with perfect color reproduction capability;
- With advanced video & image processing application ToupView;
- Windows/Linux/macOS/Android multiple platform SDK;

Technical Specification:

- **Order Code:** UC-20
- **Sensor & Size(mm):** 20M/AR2020©, with a size of 1/1.8" (7.17x5.38)
- **Pixel(μm):** Each pixel measures 1.4x1.4 micrometers
- **G Sensitivity Dark Signal::** 8.4 ke-/lux.sec
- **FPS/Resolution:**
 - > 20 frames per second at 5120x3840 resolution
 - > 45 frames per second at 2560x1920 resolution
 - > 137 frames per second at 912x686 resolution
- **Binning:** Supports binning at 1x1, 2x2
- **Exposure:** Exposure time ranges from 0.2 ms to 1500 sec.
- **Image format:** BMP, JPEG, RAW, TIFF, AVI



Sample Images Captured with ULTRACAM UC-20



Bird Feather

Broad Bean Leaf Epidermis

Butterfly Squama

Blood of Frog Smear

Cotton Fibre