

CMEX 3

HIGHLIGHTS

- ✓ 3.0 Mpix CMOS color USB 2.0 camera
- ✓ 1/2" sensor, 2048 x 1538 pixels
- ✓ ADC 10 bits, color depth 24 bits
- ✓ Low signal/noise ratio
- ✓ USB 2.0 interface



Specifications

| | |
|---------------------|---|
| Sensor | CMOS 1/2 inch |
| Pixels | 2048 x 1536 pixels, 3.0 Mpix |
| Scan mode | Progressive, rolling shutter |
| Pixel size | 3.2 μm x 3.2 μm |
| Filter | RGB |
| Mount | C-mount |
| Max fps | Up to 10 frames per second (2048 x 1536 pixels) Up to 25 frames per second (1024 x 768 pixels) Up to 40 frames per second (640 x 480 pixels) |
| ADC | 10 bits |
| Color depth | 24 bits |
| Sensitivity | > 1.3 V/lux-sec @ 550 nm |
| Exposure | Automatic or manual, from 1 ms to 500 ms |
| White balance | Automatic/manual |
| Dynamic range | 72 db |
| S/N max | 44 db |
| Data interface | USB 2.0 at 480 Mb/s |
| Operation | 0 – 60° C, 45-85 % humidity |
| Storage temperature | -20 to 70° Celsius |
| Supplied with | 0.5x objective with C-mount, USB 2.0 cable, 30 and 30,5 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), CDROM with ImageFocus 4 software, carton box |
| Software | Windows XP, Vista, Windows7, Windows 8 (32 and 64 bit configurations) |
| Product number | DC.3000c |