

CMEX-18 PRO

USB-3.0 high speed camera

DC.18000-Pro

HIGHLIGHTS

- High speed camera
- 18.0 Mpix CMOS color USB 3.0 camera
- 1/2.3" sensor, 4912 x 3684 pixels
- Low signal/noise ratio
- USB 3.0 interface (USB 2.0 compatible)
- Perfect color-reproduction



DC.18000-Pro

TECHNICAL SPECIFICATIONS

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|------------------------------|---|
| Sensor | CMOS 1/2.3 inch |
| Pixels | 4912 x 3684 pixels, 18.0 Mpix |
| Scan mode | Progressive, rolling shutter |
| Pixel size | 1.25 µm x 1.25 µm |
| Filter | RGB |
| Mount | C-mount |
| Max fps | Up to 6 frames per second (4912 x 3684 pixels) Up to 18 frames per second (2546 x 1842 pixels) Up to 32 frames per second (1228 x 922 pixels) |
| Exposure | Automatic or manual |
| Exposure time | 0.1 ms ~ 2000 ms |
| White balance | Automatic/manual |
| Dynamic range | 65 db |
| S/N max | 42 db |
| Sensitivity V/lux-sec | 1.3 |
| Data interface | USB 3.0 high speed |
| Operation | 0 – 50°C, 30-80 % humidity |
| Storage temperature | -20 to 60°Celsius |
| Power supply | 5V over PC USB port |
| Housing | Integrated CNC aluminum alloy |

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| Supplied with | 0.5x objective with C-mount, USB 3 cable, 30 and 30.5 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), CD ROM with ImageFocus Alpha software, carton box |
| Software | Supplied with ImageFocus Alpha capture and measuring software For Win 7/ 8/ 10 (32 and 64 bit configurations) PC requirements: Compatible with Intel Core 2, 2.8 GHZ or higher, 2GB, USB-3 high speed |
| Product number | DC.18000-Pro |



CMEX-18 Pro package content