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oCam-18CRN-U™

18 MP USB 3.0 C-MOUNT COLOR CAMERA

C-Mount Lens Compatible
With the support of C-mount lens, applicable to high performance applications.

High Resolution
Maximum resolution of 4896 × 3672 (18 mega pixels) is transmitted through USB 3.0 SuperSpeed interface.

High Speed
Maximum speed of 120 and 240 fps are supported at 1280 × 1024 and 640 × 480 respectively.

Color Output
Provides Bayer RGB color image which can be converted to RGB color image using the provided API.

Low CPU Usage
Allows data to be written to main memory without going through the CPU by USB 3.0.

Wide Compatibility
Supports plug-and-play by UVC compliance.

Handy
Provides protective case which has holes for tripod mount and USB cable locking pins.

Sensor	OnSemi AR1820 CMOS 이미지 센서(1/2.3 인치)
Interface	USB 3.0 SuperSpeed
Lens	Changeable standard C-Mount lens
Supported OS	Windows 10, Linux, Plug-and play by UVC(USB Video Class) Protocol
Power	USB bus power
Operating Temperature	0°C ~ + 70°C
Rating	DC 5V / 190mA
Shutter	Rolling Shutter
Resolutions	4896x3672 @ 10fps, 1280x1024 @ 120fps, etc.
Camera Control	Brightness, Exposure, Color Gain(Red, Blue)
Weight	Approx. 87 grams (without lens)
Size	39mm x 39mm (PCB), 42mm x 42mm x 27mm (with protective case)