



VRmC-3+ PRO

Sensor Characteristics:

- 754 x 482 pixel array size
- Global shutter, CMOS
- Active pixel size 6 μ m x 6 μ m
- 1/3" wide optical format
- User programmable windowing and panning
- Bayer RGB color pattern (color version)
- Pixelclock 5-26.6 MHz
- Adjustable anti-blooming circuit

Optical Characteristics:

- Responsivity 4.8 V/lux-sec (550nm)
- IR cut 620nm filter

Physical Characteristics:

- Aluminium housing with C-Mount
- Housing 36 x 36 x 27 mm
- Various mounting holes
- Power supply via USB (no additional power supply necessary)
- Standard Mini USB-B connector
- Operating temperature 0°C to 40°C
- Storage temperature -30°C to 80°C
- Objective is NOT included

Image Formats:

- [640x480] 80 frames/s
- [752x480] 69 frames/s

Data Transfer Characteristics:

- High-speed USB 2.0 (EHCI)
- Parallel operation of multiple cameras possible

Special Features:

- No frame grabbing hardware necessary
- Free programmable timings
- Unlimited access to uncompressed sensor data
- Operation with external hardware (eg. strobes, light barriers)
- Optimized for parallel operation of multiple cameras
- Soft-trigger/ timestamps/ framecounter
- Storage of up to 9 user configurations (eg. format, exposure time) in the device
- Storage of user settings in the camera (24KB, eg. calibration data)
- Multiple standard formats plus one free definable ROI (region of interest)