

USB components

VRmC-18+/C-PRO

VRmC-18+/BW-PRO

Compact USB 2.0 Camera in Aluminium Housing

- Extra small form factor
- Highspeed USB interface
- Cost effective for high volumes
- SDK and API included, same API on all cameras
- Software trigger

Sensor Characteristics

Type	ON Semiconductor MT9M024
Technology	CMOS, rolling shutter
Mono/Color	Monochrome or color
Sensor Size	1/3"
Resolution	1280 x 960
Pixel Size	3.75 μm x 3.75 μm
Max. Frame Rate *	29 Hz
Min. Exposure Time	103 μs
Bit Depth	8/10 bit
Pixel Clock	10...48 MHz

Camera Features

User programmable windowing and panning

Freely definable region of interest (ROI)

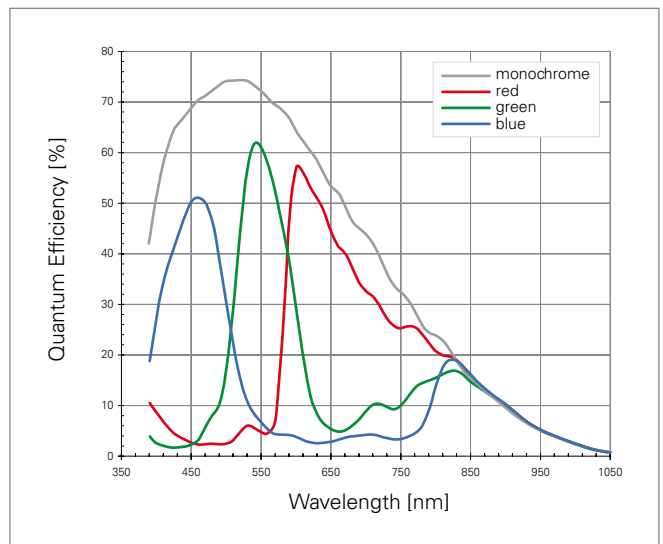
Adjustable anti-blooming circuit

Parallel operation of multiple cameras possible

Sensor readout flip



Photo similar to original product



* Maximum value at full ROI with minimum exposure time. Actual value depends on pixel clock, sensor settings, and image format.

Physical Characteristics

Housing

Dimensions (with C-Mount adapter ring) 36 x 36 x 25 mm

Dimensions (without C-Mount adapter ring) 36 x 36 x 20 mm

Material Anodized aluminium

Ambient Conditions

Operating Temperature 0 ... +40 °C

Storage Temperature -30 ... +80 °C

Optics

Lens Lens not included

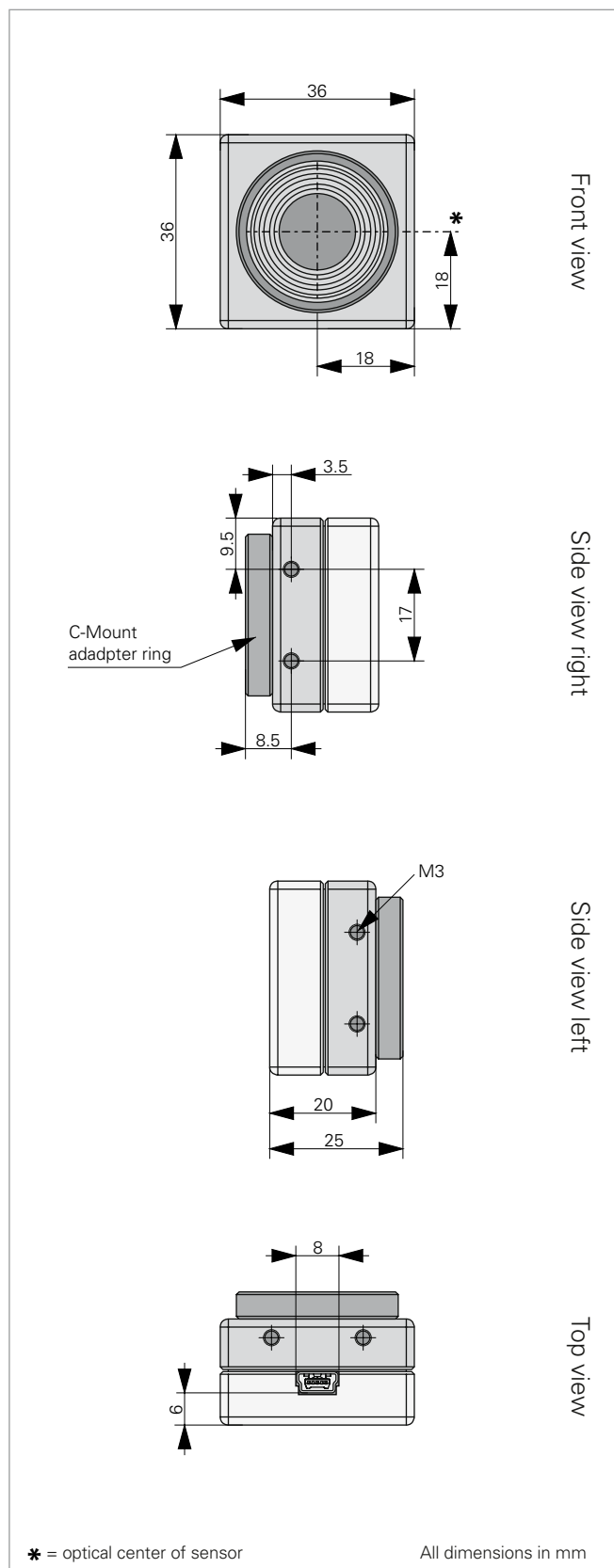
Lens Mount CS-Mount
C-Mount (with supplied adapter ring)

Filter glass

Color sensors IR-cut filter
Monochrome sensors Window glass

Interfaces

USB 2.0 port (USB Mini-B); power supply via USB



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