

USB components

VRmC-12+/C-PRO

VRmC-12+/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

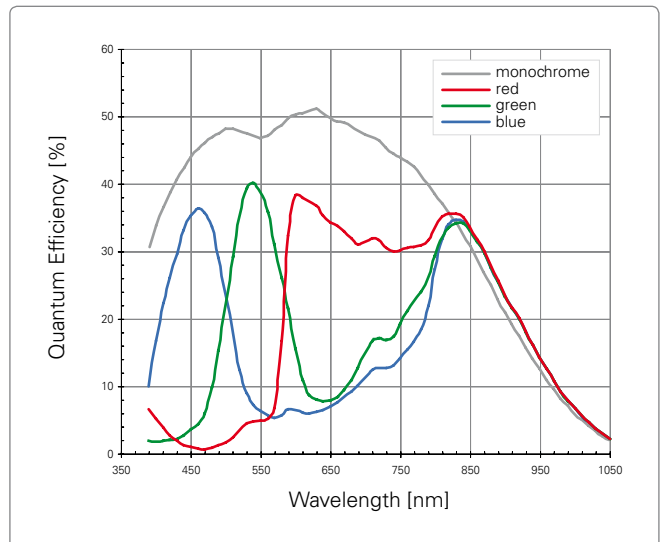
Type	ON Semiconductor MT9V024
Technology	CMOS, global shutter
Mono/Color	monochrome or color
Sensor Size	1/3" wide
Resolution	754 x 480
Pixel Size	6 μm x 6 μm
Max. Frame Rate *	70 Hz
Min. Exposure Time	30 μs
Bit Depth	8/10 bit
Pixel Clock	13 ... 27 MHz
Responsivity	4.8 V/lux·sec
Dynamic Range	55 dB linear 80 ... 100 dB high dynamic

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

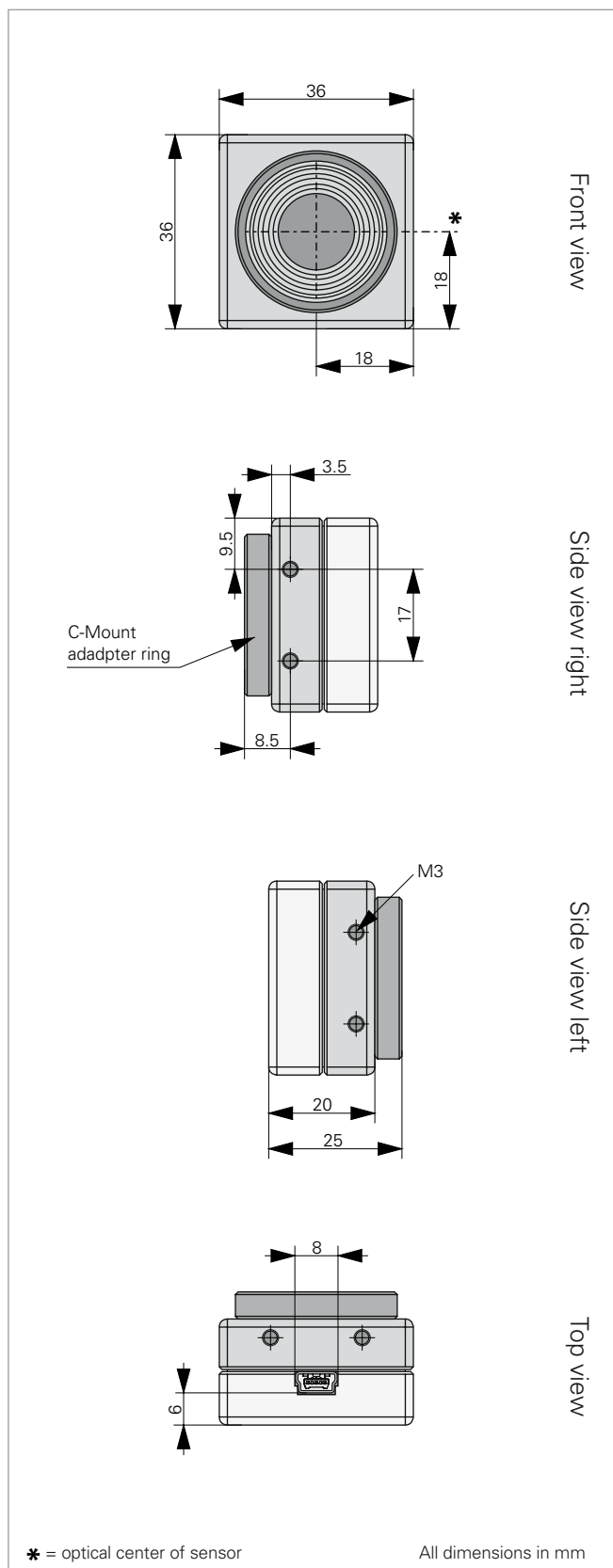
Lens Mount CS-Mount
C-Mount (with supplied adapter ring)

Filter glass

Color sensors IR-cut filter
Monochrome sensors Window glass

Interfaces

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



K-VRM71-09/2016 · Subject to technical change without notice. No liability is accepted for errors which may be contained in this document.