

**HD Color  
Industrial  
Camera**

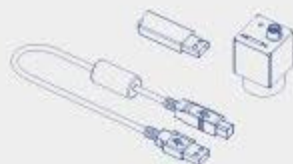
Product Number	MV-CE050-30UC
Sensor Size	1/2.5"CMOS
Sensor Type	AR0521
Effective Pixel	5 Million
Hue	Color
Pixel Size	2.2×2.2um
Frame Rate / Resolution	31 @2592×1944
SNR	>40dB
Dynamic range	>60dB
Shutter Type	Curtain Exposure
Time of exposure	Bayer: 16μs-1sec Other Format: 28μs-1sec
Exposure control	Auto/Manual
Size	29mm×29mm×30mm
Data Interface	USB3.0
Working Temperature	0~50°C
Lens Mount	C-Mount

White auxiliary light source	Product number	JHZM-A40-W
	Luminous color	White
	LED number	48 LED
	Illumination	40000 lux
	Brightness	Continuously Adjustable, Adjustable Range 0~100%, Constant Color Temperature
	Wavelength	455–457.5 nm
	Output Voltage	12 V
	Output Power	3.5 – 5 W
	Operating distance	35 – 110mm
	Size specification	Internal Diameter: 40mm, External Diameter: 70mm, Height: 25mm
	Outer Diameter of Lamp Barrel	Max $\Phi$ 39mm
	Weight	0.48 KG
	Working environment	Temperature: 0 ~ 40 °C, Humidity: 20 ~85%RH
	Storage environment	Temperature: -20 ~ 40 °C, Humidity: 20 ~85%RH

Six Megapixel 12mm Fixed Focus Lens	Type	MVL-HF1228M-6MP		
	Focus	12mm		
	Maximum Image Size	1/1.8 " ( $\phi$ 9mm)		
	Aperture	F2.8-F16		
	Control	Aperture	Manual	
		Focus Point	Manual	
	Visual Angle	D	41.2°	
		H	1/1.8 "	34.4°
		V	23.4°	
	Working Temperature	-10°C-+50°C		
	Optical Distortion	-0.38%		
	Flange Back Focus	17.526mm		
	Recent Shooting Distance	0.06m		
	Mount	C-Mount		
Filter Thread	M27×0.5			
Size	$\phi$ 29×35.36mm			

## Robot Vision Kit

### Industrial Camera x1 USB Cable x1 Dongle x1



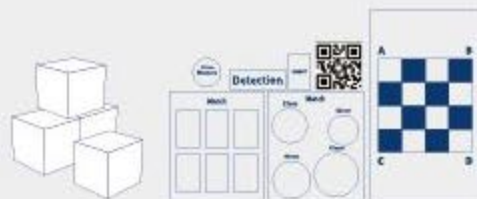
### Camera Mounting Kit

- ① Camera Support (1) x1
- ② Camera Support (2) x1
- ③ Camera Mounting Plate x1
- ④ M6\*20 Thumb Screw x1
- ⑤ 3mm Washer x3
- ⑥ M4\*10 Hexagon Socket Head Cap Screw x4
- ⑦ M3\*5 Hexagon Socket Countersunk Head Screw x4
- ⑧ M3\*6 Hexagon Socket Head Cap Screw x3



### Attachment

- ① Demo Supplies
- ② Block x16
- ③ Calibration Board with Black and White Grids x1

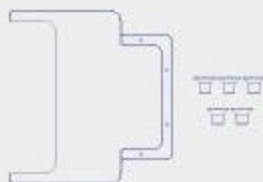


### Extention Pole x2



### \*Camera Plate for Dobot M1 x1

- ① M4\*6 Hexagon Socket Countersunk Head Screw x5

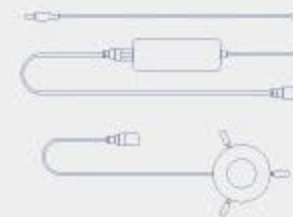


### Industrial Camera Lens x1



### Camera Light Kit

- ① Power Adapter x1
- ② Light Source x1
- ③ Multinational adapter connector x1



### Tool Package

- ① 2mm Allen Wrench x1
- ② 2.5mm Allen Wrench x1
- ③ 6mm Allen Wrench x1



### Flange Support of Extention Pole x1

- ① M4\*10 Hexagon Socket Button Head Screw x6
- ② M8 Hexagon Socket Button Head Screw x1



### Camera Plate x1

Size: 445\*220mm  
Workspace: 205\*118mm

