



# MIPI Camera Module **DJU-M03**

## Product Specification

Release version:1.0

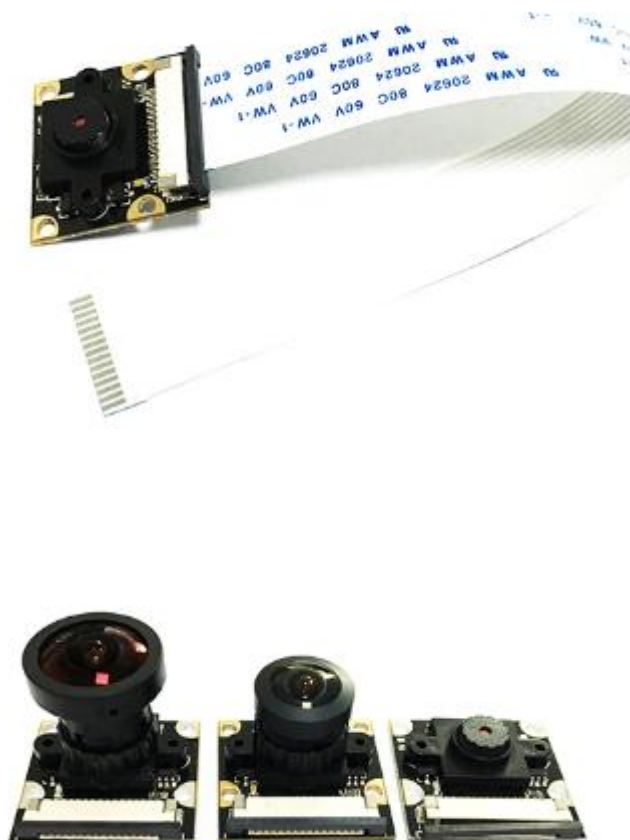
# MIPI Camera Module

MIPI interface Camera Module for Raspberry Pi

5 Megapixel

Model Name: **DJU-M03**

## Features



## Specifications

<b>Product Code: DJU-M03</b>	
<b>Main Parameters</b>	
<b>Item</b>	<b>Description</b>
Sensor	OV5647
Pixel	5.0 Megapixel
Dinamic Image Resolution	2592*1944
Static Image Resolution	2592*1944
Number of Colors	24 Bit True Color
Object Distance	0.3M - Infinity
Frame Rage	30fps@24Mhz
Focal Length	4.2mm
Output Signal	YCbCr4:2:2, RGB565, RAW RGB
PIN Number	15PIN
Working Voltage	1.7V ~ 3.0V
Power Consumption	90mW/30μW
Working Temperature	-20°C ~ 70°C
FOV (D)	62°, 125°, 160°
TV Distortion	<1%

F. Number	F2.8
Application	Raspberry Pi

<b>PIN Definition</b>					
<b>PIN</b>	<b>Signal</b>	<b>PIN</b>	<b>Signal</b>	<b>PIN</b>	<b>Signal</b>
1	GND	6	CAM1-DP1	11	CAM-GPIO
2	CAM1-DNO	7	GND	12	CAM-CLK
3	CAM1-DPO	8	CAM1-CN	13	SCLO
4	GND	9	CAM1-CP	14	SDAO
5	CAM1-DN1	10	GND	15	AVDD3.3

**Djj-tech specializes in camera modules R&D, production and sales.**

We provide camera modules with small and wide view angles, IR single pass and dual-pass night vision. Products with existing structures can be produced and shipped. Customized products can be produced according to customers' drawings and samples, we will redesign the structures and redefine the PIN definition.

**We also could assist customers to test software if needed.**

The main pixel values:

0.3 Megapixel (640\*480)

Main Sensors: OV7670, OV7725, OV7740, GC0308, GC0307, etc.

1.0 Megapixel (800\*1280)

Main Sensors: OV9710, OV9712, NT99140, NT99141, etc.

1.3 Megapixel (1024\*1280)

Main Sensors:OV9655, OV9650, OV9653, OV9660, OV9665, MI1320, MI1330, etc.

2.0 Megapixel (1600\*1200)

Main Sensors: OV2640, OV2650, OV2655, OV2665, MI2020, MI2010, MI2030, etc.

3.0 Megapixel (2048\*1536)

Main Sensors:OV3630, OV3640, etc.

5.0 Megapixel (2593\*1944)

Main Sensors:OV5640, OV5647, OV5653, OV5642, MI5100, MI5130, etc.

8.0 Megapixel (3264\*2448)

Main Sensors: OV8825, etc.

10.0 Megapixel (3248\*2736)

Main Sensor: MT9J011

Please let us know if you have any requirements