

2391-D16 Double-layer USB Module Manual

1. scope of application

The information contained in this manual applies to the 2391-D16 double-layer USB module, including module specifications, appearance dimensions, operation instructions and other key information.

2. summary

The 2391-D16 dual-layer USB module features a 1/4-inch, 1-megapixel color image CMOS sensor (2391) and an ISP image processing chip (ISI53), capable of producing 720P analog HD images. The ISP offers features such as a color matrix, sharpness, gamma correction, automatic electronic shutter, automatic white balance, automatic gain control, and adaptive backlight compensation.

3. technical parameter

order number	Parameter name	Parameter specifications
1	Chip configuration:	2391
2	Sensor type:	CMOS
3	Sensitized size:	1/4"
4	Effective pixels:	1280(H)x720(V)
5	output interface :	USB
6	Video format:	MJPG: 1280x720P@30FPS、 640x480@30FPS YUV: 1280x720P@10FPS、 640x480@30FPS
7	USB camera protocol:	UVC
8	application system :	Windows; Android; linux
9	power :	DC5V 100mA ±10% DC5V 100mA ±10%
10	working temperature :	-40°C ~ +70°C
11	storage temperature :	-50°C ~ +90°C
12	Main board size:	Diameter 16mm, round double layer

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