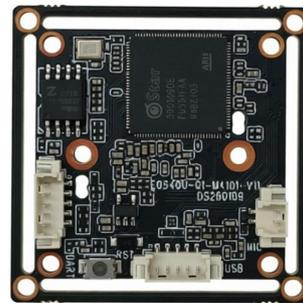
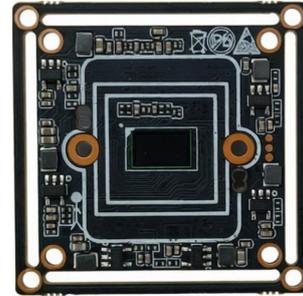




E0540U-G8

Features

- 1/2.5" 4MP Ultra Low-Light CMOS, daylight-like night vision
- Supports H.265/H.264/MJPEG
- Supports HDR, backlight compensation, highlight compensation, and 3D digital noise reduction
- Supports image flip, mirror, and rotation
- Compliant with UVC 1.1 standard, driver-free
- Supports USB2.0 high-speed, low-speed and full-speed modes, compatible with EHCI
- Supports multi-system including Android, Linux and Windows
- Applicable to advertising players, video conferencing, high-definition shooting and other fields

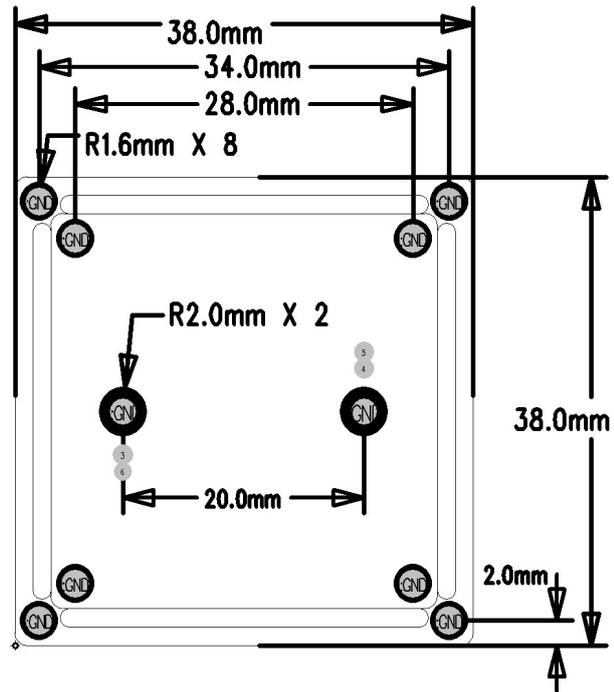
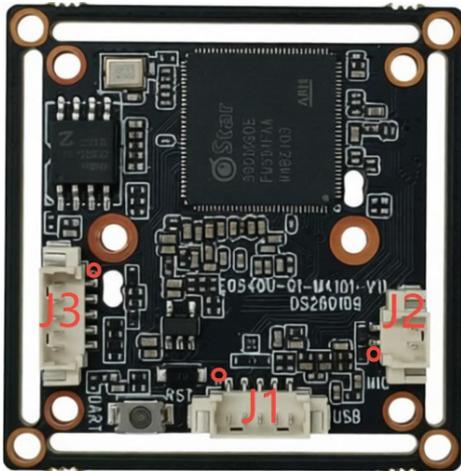


Specifications

Model	E0540U-G8
Main Chip	30X, built-in 1.5T computing power
Image Sensor	4MP, 1/2.5" CMOS
Image Output	Stream 30FPS (2560*1440, 1920*1080, 1280*720, 640*480)
	Image effects: Auto white balance, digital wide dynamic range, backlight compensation, and adjustable hue/brightness/contrast/saturation/sharpness
Power Supply	DC 5V
Operating Conditions	-30°C ~ +65°C (-22° F to +149° F), ≤95%RH
Dimension	Board: 38*38mm or 32*32mm, board thickness 1.6 mm



Main Board



---Note:The circle point to pin 1

Interface Descriptions

J1 (Vertical SMT-5P-1.25MM) -----USB Interface

Pin	Name	Function
1	V_USB	5V Power Input
2	USB_DM	USB Data Pin -
3	USB_DP	USB Data Pin +
4	CC	CC Detection Pin, default connection to shieldId
5	GND	System GND

J2 (Vertical SMT-2P-1.25MM) -----Line In Interface

Pin	Name	Function
1	MIC0_CN	Audio Linear Input Differential +
2	MIC0_CN_G	Audio Linear Input Differential -

J3 (Vertical SMT-5P-1.25MM) -----IO Expansion Interface

Pin	Nane	Function
1	FTX	Fast Serial Port TX
2	FRX	Fast Serial Port RX
3	AMI0	Alarm Input
4	GND	System GND
5	AM00	Alarm Output