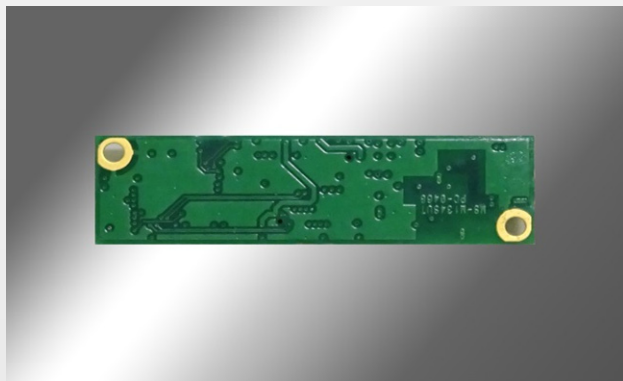
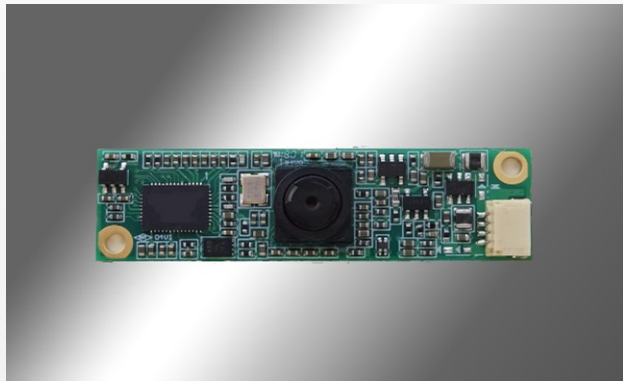


MS-M134SUT 1.3M USB color board camera



Key feature

- Compact and lightweight type at 46(H) × 12.4(W)mm Approx. 2.5g
- Can be integrated into a variety of devices
- 1/4-inch type, 1.35 mega pixels (Number of recorded pixels: 1.31 million)
- USB image output is USB 2.0 USB video class 1.1 compliant, no device driver required
- USB bus-powered, allowing operation via USB cable without using an external power supply
- Mode settings can be changed from host-side control software
- Component mounting on sensor surface only

1/4-inch

1.35 mega pixels

SXGA

0.5Lux (F1.4)

USB2.0

AWB

AGC

Low distortion lens

Sensor surface only component mounting

46(H) × 12.4(W)mm

Lightweight (approx. 2.5g)

USB (+5V)

External Connectors

USB connector : SM05B-SRSS-TB (Manufactured by JST)

| Pin number | Signal name |
|------------|-------------|
| 1 | VBUS(+5.0V) |
| 2 | D- |
| 3 | D+ |
| 4 | GND |

Form

MS - M134SUT

Lens type selection

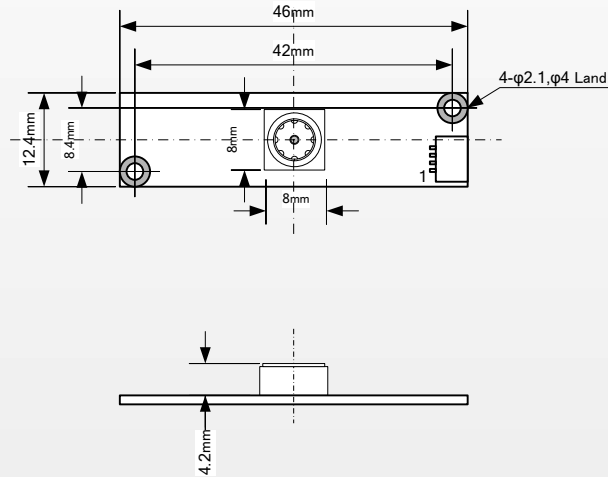
A : 2.9mm

B : 3.4mm

Specifications

| Item | Specifications |
|-------------------------------|--|
| Model | MS-M134SUT |
| Image size | 1/4-inch color CMOS sensor |
| Number of effective pixels | 1296(H) × 1040(V) |
| Number of video output pixels | 1280(H) × 1024(V) |
| Unit cell size | 2.8 μm(H) × 2.8 μm(V), square pixel |
| Scanning system | Progressive scan method |
| Synchronizing system | Internal synchronization |
| Clock frequency | 80MHz |
| Frame rate | 24fps |
| Image output | USB2.0(Full speed , High speed) |
| Minimum illumination | 0.5Lux(F1.4) |
| Dynamic range | 70dB |
| S/N | 40dB |
| Video output format | SXGA |
| Automatic control function | AWB,AGC,AE |
| Flickerless function | AUTO |
| Camera shutter | Rolling shutter |
| Lens | A : 2.9mm(H=63 degree), B : 3.4mm(H=53 degree) |
| Power supply | USB bus power (+5V) |
| Power consumption | 1W |
| External dimensions (Board) | 46(H) × 12.4(W) mm |
| Weight | Approx. 2.5g |
| Operating temperature | -10°C ~ +50°C |
| Operating humidity | 20~80% |
| Components | Camera body, Dedicated USB cable |

Externals



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