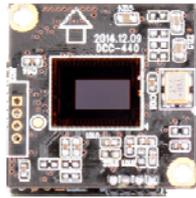


DCC-440

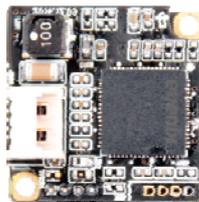
CMOS VIDEO MODULE



With a Lens Holder



1st board Front



2nd board Rear

Main Features

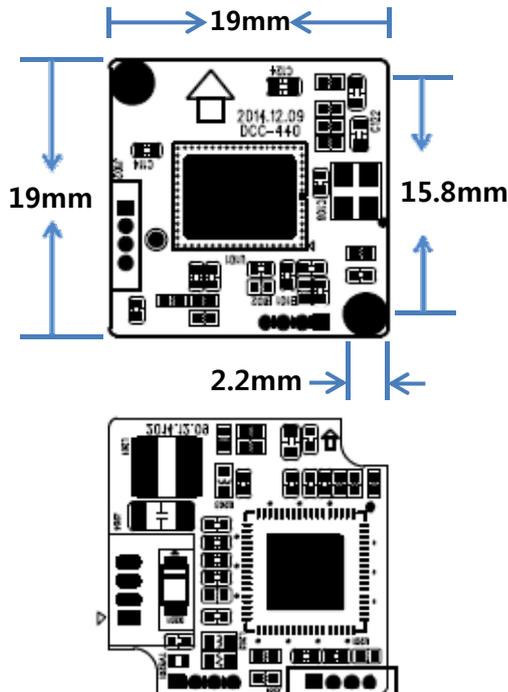
- 1/3" 1M(720P) CMOS Image Sensor
- 1Mega Pixels (720P50/60)
- Mountable Lens: Fixed
- HD-SDI Video Out Supporting standard SMPTE protocol
- CMOS HD-SDI Video Module (19x19mm 2-board)



Specifications

| Model | DCC-440 |
|--------------------|--|
| Signal System | HD-SDI (Serial Data Interface) |
| Pickup Device | 1/3"(D-6mm) 1M CMOS Sensor |
| Scanning System | Progressive Scan (16:9) |
| Sync. System | Internal |
| Total Pixels | 1.01M [1368(H)x740(V)] |
| Effective Pixels | 0.94M [1288(H)x728(V)] |
| Min. Illumination | 0.4Lux |
| Mechanical ICR | N/A |
| H-Resolution | More than 800TV Lines(H) |
| S/N Ratio | 40dB (AGC off) |
| Lens | Fixed Iris Lens |
| Lens (Mount) | Board (M12) type – Lens Holder |
| OSD | N/A |
| Camera Title | N/A |
| Language | N/A |
| Exposure | ESC |
| White Balance | ATW |
| HLC / BLC | N/A |
| Day & Night Mode | Color (Default) / Auto, B/W (Factory Selectable) |
| Gain Control | Auto |
| Electronic Shutter | Auto |
| Mirror | Off (Default) / H/V Mirror (Factory Selectable) |
| Other Features | N/A |
| Microphone | N/A |
| Signal Output | 720p 25/40 (HD-SDI) |
| Power Source | DC12-24V |
| Power Consumption | Less than 1.1Watts (90mA @ DC12) |
| Operating Temp. | -10°C ~ 55°C (Humidity :0%RH ~ 90%RH) |
| Size (mm) | 19(W) x 19(D) – 2-board |
| Weight | 10 g (Including OLPF & Lens Holder) |

Dimension



Option

- Lens

DCC-440

CMOS VIDEO MODULE

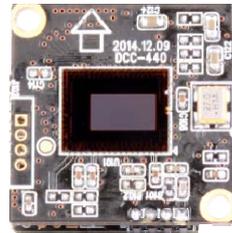
Pin Connections



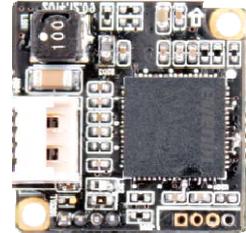
Front look with lens holder mount



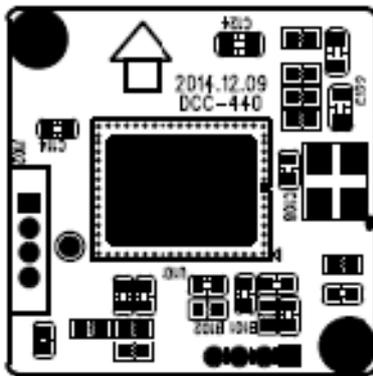
Side look with lens holder mount



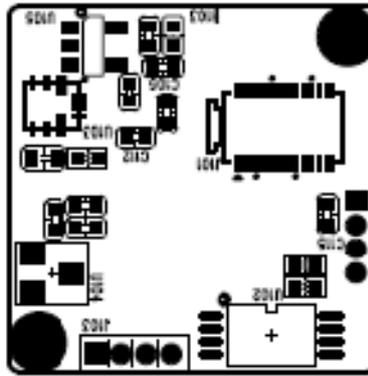
1st Board (Sensor)



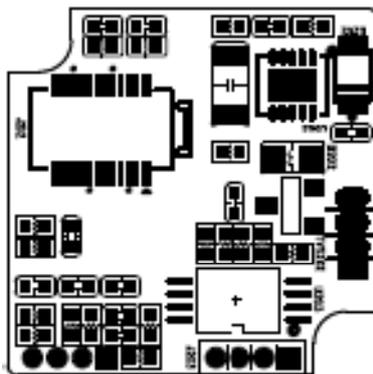
2nd Board (SDI TX)



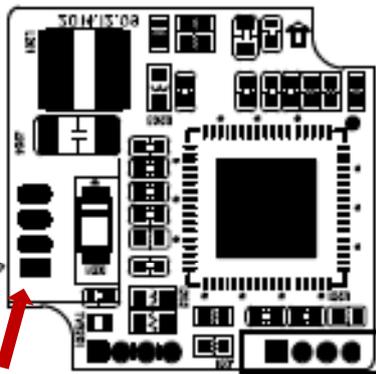
1st Front



1st Rear



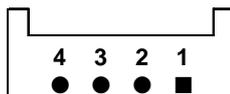
2nd Front



2nd Rear

J102

J203 – Power & Video



| No. | Pin Item | No. | Pin Item |
|-----|------------|-----|----------|
| 1 | HD-SDI OUT | 3 | DC12VIN |
| 2 | GND | 4 | GND |

Wafer DIP type: 1.25mm pitch – 4 pin

Manufacturer: **Molex**

MFG Part Number: **53048-0410**