



128x64 Graphic LCD Module - [P/N: MGL5128]

Features:

- Display dimensions: 128 pixels by 64 pixels
- Pixel size: 0.41x0.41 mm
- Pixel pitch: 0.44x0.44 mm
- Backlight type: White LED
- LCD mode: STN Negative, blue
- LCD polarizer type: Transmissive
- Built-in negative voltage
- Power supply: + 5 V
- Size: 75.0x52.7x8.9 mm
- View area: 55.0x27.48 mm
- Operating Temperature: -20°C to +70°C
- Plug-and-play in the WiRobot system



Color Image Module with Camera - [P/N: MCI3908]



The MCI3908 Color Image Module with Sharp mini color camera head LZ0P390M is a CMOS image sensor module that can be connected to the PMB5010 Multimedia Controller board directly. The image size can be up to CIF format (353 x 288) and the operation frame rate up to 15 fps.

Features:

- CMOS image sensor with lens and digital signal processor (LZ0P390M)
- Maximum image size: 352 x 288
- Maximum frame rate: 15 fps
- Plug-and-play in the WiRobot system





Mini Color Camera Head - [P/N: CAM3908]

Mini color camera head is a compact size (11x11x5.3mm), high resolution (352x288) CMOS color camera with built-in lens and digital Signal Processor.

Features:

- Maximum image size: 352 x 288
- Maximum frame rate: 15 fps
- Image formats: CIF/QCIF/QQCIF/QVGA/QQVGA
- Output image signal: UYVY digital 8-bit parallel
- Auto exposure control, auto white-balance, auto carrier-balance, auto correction of white defects, shading correction control
- Supply voltage + 2.8V \pm 0.2V
- Power consumption: 45mW at 15 fps (typical)





Sharp Mini Color Camera Head

- [P/N: LZOP390M]

Sharp mini color camera head is a compact size (11x11x5.3mm), high resolution (352x288) CMOS color camera with built-in lens and digital Signal Processor.

Features:

- Maximum image size: 352 x 288
- Maximum frame rate: 15 fps
- Image formats: CIF/QCIF/QQCIF/QVGA/QQVGA
- Output image signal: UYVY digital 8-bit parallel
- Auto exposure control, auto white-balance, auto carrier-balance, auto correction of white defects, shading correction control
- Supply voltage + 2.8V \pm 0.2V
- Power consumption: 45mW at 15 fps (typical)

