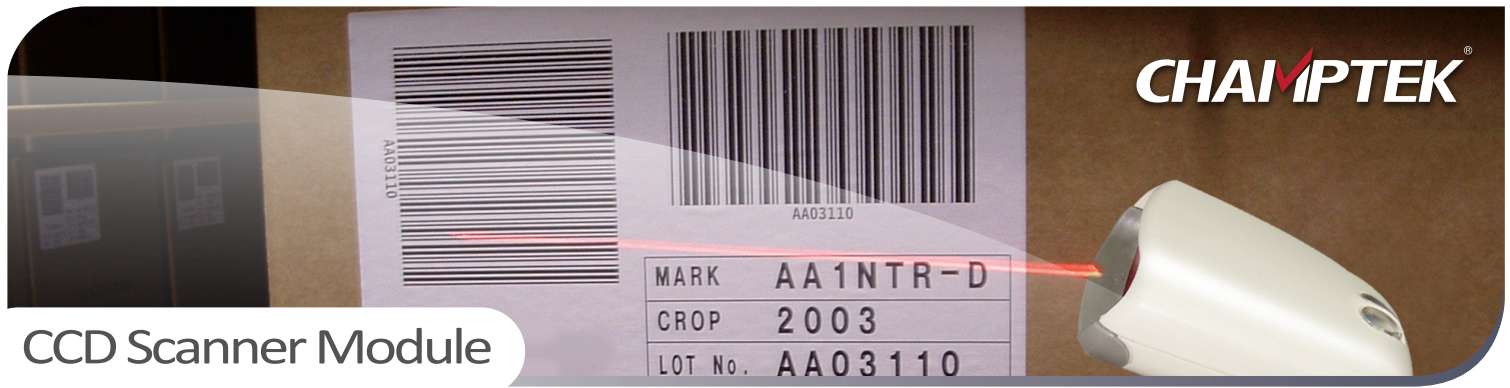
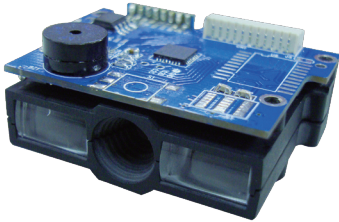




CCD Scanner Module

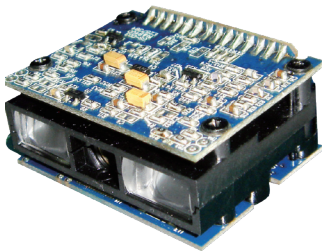
MCR12



Features

- | | |
|---------------------|--|
| ● Scan Rate | 100 scans/sec $\pm 10\%$ |
| ● Depth Of Field | 230mm@20mil/0.5mm, PCS90% |
| ● Resolution | 5mil/0.127mm@PCS90% |
| ● Voltage | DC +5V $\pm 5\%$ |
| ● Power Consumption | 80mA |
| ● Connector | MOLEX 11P Pitch 1.25 |
| ● Interface | PS2/RS232/USB |
| ● Dimension | 44 mm W x 30 mm D x 19.2 mm H |
| ● Ambient light | 5000 Lux Max. |
| ● Advantage | Auto Sense , long reading range , small size |

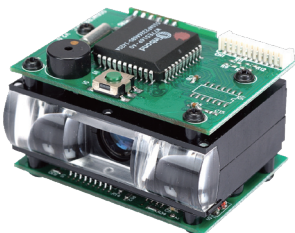
MCR11



Features

- | | |
|---------------------|---------------------------------|
| ● Scan Rate | 700 scan/sec |
| ● Depth Of Field | 270mm@20mil/0.5mm, PCS90% |
| ● Resolution | 4mil/0.1mm@PCS90% |
| ● Voltage | DC +5V $\pm 5\%$ |
| ● Power Consumption | 135mA |
| ● Connector | FPC 15pin Pitch 0.5 |
| ● Interface | PS2/RS232/USB |
| ● Dimension | 38 x 30 x 20 mm |
| ● Ambient light | 100000Lux Max. |
| ● Advantage | long reading range , small size |

MCR8+



Features

- | | |
|---------------------|--|
| ● Scan Rate | 270 scan/sec |
| ● Depth Of Field | 200mm@20mil/0.5mm, PCS90% |
| ● Resolution | 4mil/0.1mm@PCS90% |
| ● Voltage | DC +5V $\pm 5\%$ |
| ● Power Consumption | 125mA |
| ● Connector | MOLEX 11P Pitch 1.25 |
| ● Interface | PS2/RS232/USB |
| ● Dimension | 48 mm W x 38 mm D x 28 mm H |
| ● Ambient light | 100000Lux Max. |
| ● Advantage | middle reading range, wide angle ,fat size |

MCR4



Features

- | | |
|---------------------|--------------------------------|
| ● Scan Rate | 90 scans/sec $\pm 10\%$ |
| ● Depth Of Field | 70mm@20mil/0.5mm, PCS90% |
| ● Resolution | 4mil/0.1mm@PCS90% |
| ● Voltage | DC +5V $\pm 5\%$ |
| ● Power Consumption | 130mA |
| ● Connector | JA E 10P Pitch 2.0 |
| ● Interface | PS2/RS232/USB |
| ● Dimension | 47 mm W x 41 mm D x 21 mm H |
| ● Ambient light | 3000Lux Max. |
| ● Advantage | Short reading range,small size |