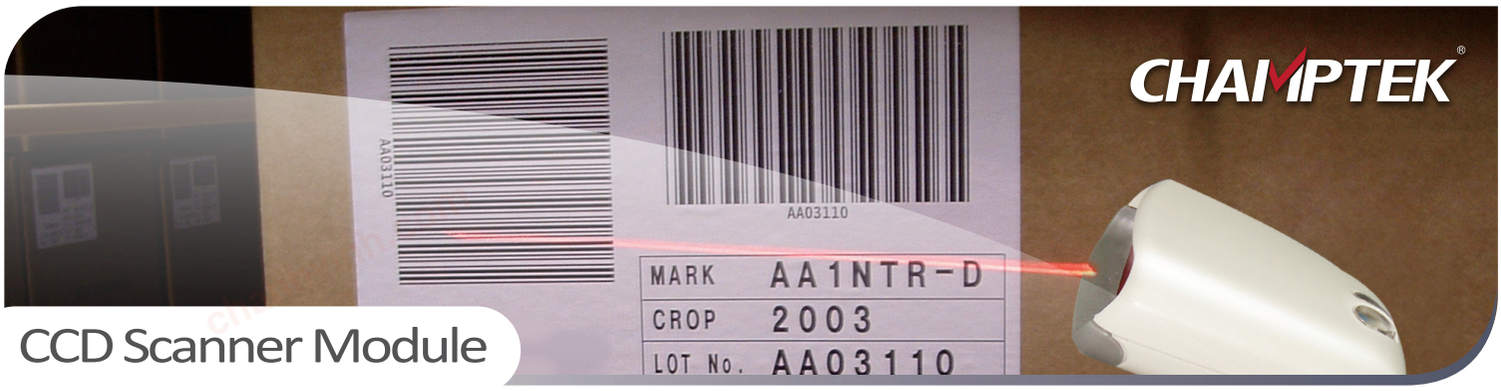
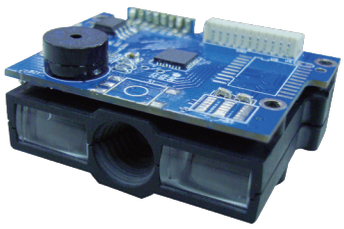
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CCD Scanner Module

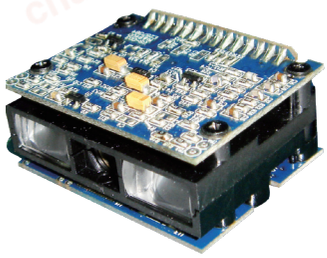
MCR12



Features

Scan Rate	100 scans/sec ±10%
Depth Of Field	230mm@20mil/0.5mm, PCS90%
Resolution	5mil/0.127mm@PCS90%
Voltage	DC +5V ±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

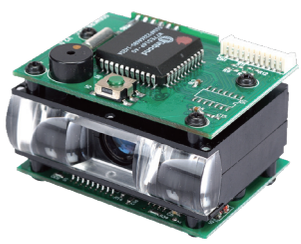
MCR11



Features

Scan Rate	700 scan/sec
Depth Of Field	270mm@20mil/0.5mm, PCS90%
Resolution	4mil/0.1mm@PCS90%
Voltage	DC +5V ±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 ±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 ±10%
Depth Of Field	70mm@20mil/0.5mm, PCS90%
Resolution	4mil/0.1mm@PCS90%
Voltage	DC +5V ±5%
Power Consumption	130mA
Connector	JAE 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