

# FCCD Series

## Fixed Mount Barcode Scanners

The FCCD Series fixed barcode scanners, combining compact and durable material housing design, are ideal for reliability demands applications especially under harsh environments.

With the high-sensitivity CCD scanning technology, FCCD Series barcode scanners can perform long-time tasks and can be used as embedded module as well: conveyer, library and document tracking applications. And, FCCD series scanners are capable of automated embedded applications, such as Inventory tracking system, automatic test and processing equipment, and many other automated data entry devices.



FCCD-620



FCCD-650

### Feature



Compact and durable housing



High-Speed CMOS Image Sensor

2500 pixel  
High-Res.CMOS  
Sensor660 nm  
Max.Durable  
HousingUSB  
Keyboard  
RS-232Easy  
Operation

- High-speed CMOS image sensor
- Resolution: up to 2500 Pixels
- Minimum Barcode Width: 0.1 mm (4 mil)
- Durable and compact housing
- Easy operation and configuration
- Operating Mode: Trigger and continuous modes
- Ideal for embedded applications
- Remote Control Programming  
(Trigger On/Off, RS-232 model only)
- Interface: USB/RS-232/Keyboard Wedge

# FCCD Series Fixed Mount Barcode Scanners

## Specification

Series	FCCD Series	
Model No.	FCCD-620	FCCD-650
<b>General</b>		
Scan Rate	100 scan/sec	100 scan/sec
Scanner Type	2048 Pixel CCD	2500 Pixel CCD
Minimum Barcode Width	0.1 mm (4 mil)	0.1 mm (4 mil)
Depth of Field	100mm (4mil)	210 mm (8.27 inch)
Width of Field	47.5 mm + 0.59 mm (Distance to Reader)	47.5 mm + 0.59 mm (Distance to Reader)
Contrast Ratio	45%	45%
Scan Patten	Single scan line (trigger/continuous)	Single scan line (trigger/continuous)
Resolution	0.1mm (4 mil) max	0.1mm (4 mil) max
Scan Angle	Forward: ±30 degree Up/Down: ±45 degree Left/Right: ±40 degree	Forward: ±30 degree Up/Down: ±45 degree Left/Right: ±40 degree
System Interface	Keyboard Wedge/RS-232/USB	Keyboard Wedge/RS-232/USB
Indicator	Audio Indicator	Audio Indicator
Readable Bar Code Symbologies	Code 39, Code 32, Interleaved 2 of 5, Industrial 2 of 5, IATA , Matrix 2 of 5, China postage, Code 128, Code 11, Code 93, MSI-PLESSY, Codebar/NW7, Code 4, EAN-13/JAN-13, UPC-A, EAN-8/JAN-8, ISBN/ISSN	Code 39/32, Full ASCII Code 39, Code 128,Code 11, Interleaved 2/5, Industrial 2/5/IATA, Matrix 2/5,China Postage, Code93, MSI/PLESSEY, Codabar/NW7, Code 4, EAN-8/JAN-13, UPC-A, EAN-13/JAN-13, ISBN/ISSN, RSS-14
<b>Electrical</b>		
Power Input	5VDC ± 5%	5VDC ± 5% 3.3V (available by request)
Operating Current	140mA max. (operating) 40mA max. (stand-by)	220mA max. (operating) 10mA max. (stand-by)
<b>Others</b>		
Material	ABS	ABS
Color	Black	Black
Shock Resistance	1m drop onto concrete	1m drop onto concrete
Weight	140 g (with cable)	90 g (with cable)
Dimension (W x H x L :mm)	60 x 29.5 x 56	34 x 17 x 55
Cable Length	1.8 m	1.8 m
Ambient Light	4000 lux max. (fluorescent)	4000 lux max. (fluorescent)
Operating Temperature	0°C~40°C	0°C~50°C
Storage Temperature	-20°C~ 60°C	-20°C~ 60°C
Storage Humidity	20% - 85% RH, non-condensing	5% - 95% RH, non-condensing

ISO-9002 Certified


**CE** **FCC**

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