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■ Embedded two-dimensional barcode scanner FP-BSF3620



FP-BSF3620 is an embedded 2D barcode scanners, using international advanced chip intelligent image recognition technology, can read all kinds of mainstream barcode and standard two-dimensional barcode, very suitable for embedded in various industry products, such as queuing equipment, logistics courier cabinet, electric cabinet, ATM self-service machine from mentioning self-service inquiry terminal etc..

■ 产品特性

- Object self induction
- Large viewing angle image sensor
- Built in RS232 and USB interfaces
- Multi language barcode information direct transmission
- Super scanning window + ultra-thin fashion design
- Support no backlight screen bar code reading

Low-power

Adopting core technology, greatly reducing operation function and extend the service life of the equipment

Interface rich

Provide USB and RS232 interfaces to meet more interface requirements.

■ Contact:

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FP-BSF3620 Technical parameter

Reading performance

Image sensor		752x480 CMOS
Provide light		LED 6500K
Decoding speed		Maximum up to 300 times per second
	2D	PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, Micro QR, AztecHanxin, etc.
Symbologies	1D	UPC, EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, CodabarInterleaved 2 of 5, Mis Plessey, GSI ataBar, China Postal, Korean Postal, etc
Reading accuracy		≥5mil
Print contrast		≥20%
Reading angle		Deflection 360° tilt ±65° rotation ±60°
Fov		115°(H) x 90°(V)

Mechanical/Electrical properties

Size (L * w * h)	67mmx 67mm x35mm	
Weight	145.5g	
Communication interface	USB,RS232	
Working voltage	5 VDC	
Operating current	220mA	

Working environment

Working temperature	0°C-+50°C	
Storage temperature	-40°C-+70°C	
Relative humidity	0% - 95% (No condensation)	
Ambient light	0 - 100000 LUX	

The range of depth

Code system	Bar Code Density	Reading depth
Code39	5mil	0mm-10mm
Code39	13mil	0mm-30mm

List of accessories

Development board	FP-EVK1366
USB/RS232	Used to connect development boards and data receiving hosts.

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*Specifications are subject to change without prior notice.