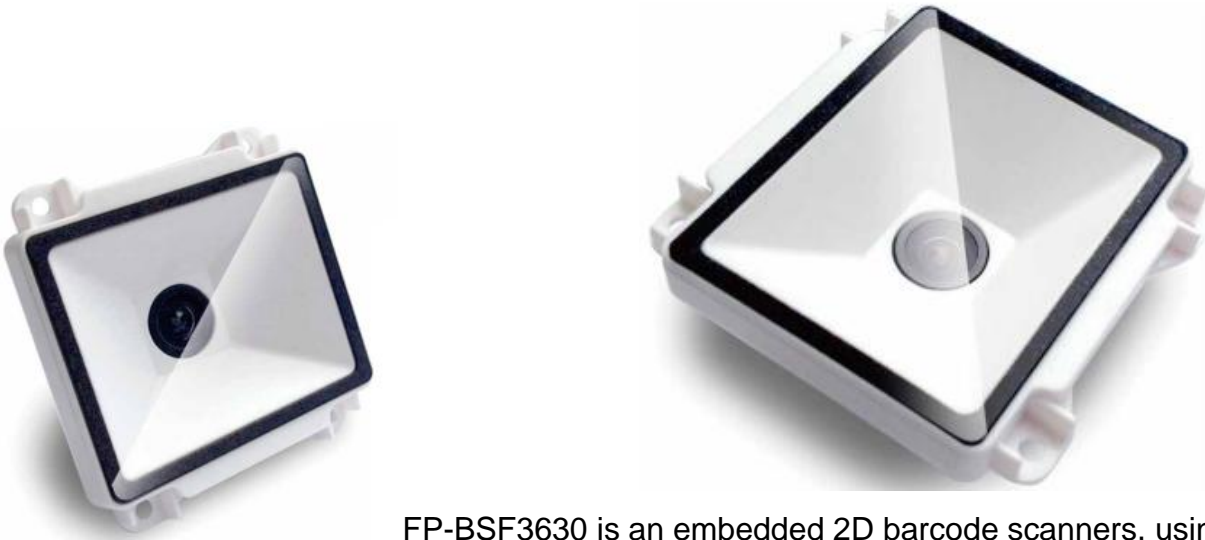


FalconPro

Embedded two-dimensional barcode scanner FP-BSF3630



FP-BSF3630 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 bar code, 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..

Product Characteristics

- 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

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Green low-power

Adopting core technology, greatly reducing operation function and prolonging equipment use

Interface rich

Provide USB and RS232 interfaces to meet more interface requirements



*Specifications are subject to change without prior notice.

FP-BSF3630 Performance parameters

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, Codabar Interleaved 2 of 5, Mis Plessey, GSI ataBar, China Postal, Korean Postal, etc
Reading accuracy		≥5mil
Prints the contrast		≥20%
Reading angle		Deflection 360° Tilt ±65° Rotation ±60°
Fov		115°(H)×90°(v)

Mechanical / electrification performance

Size (L × W × H)	65mmx 61.2mm x28.7mm
Weight	33g
Communication Interface	USB , RS232
Operating Voltage	5 VDC
Working current	220mA

working environment

Operating temperature	0°C-+50°C
Storage temperature	-40°C-+70°C
Relative humidity	0% - 95% (No condensation)
Environmental lighting	0 - 100000 LUX

The range of depth

Code system	Bar code density	Read the depth of field
Code39	5mil	0mm-10mm
Code39	13mil	0mm-30mm

Accessories list

Development Board	FP-EVK1366
USB, RS232	Used to connect the development board and data receiving host

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