

# FalconPro

## Hand-held Two-dimensional Scanner FP-BS3600



### Product features:

#### Core technology

Using the international advanced core decoding technology, can read all kinds of bar code quality fast.

#### Decoding capability

Embedded high performance processing chip, the international advanced core algorithm, data processing is accurate and reliable.

#### Low power consumption

Adopt international advanced core technology, greatly reduce the power consumption, prolong the service life of the equipment.

#### Rich interface

Provide USB and RS232 to meet the needs of more interface.

### Application scenarios:

Widely used in retail, financial payment, warehousing logistics, traceability, manufacture, O2O, text processing, ticket management, card management, medical treatment, lottery terminal etc..

### Contact:

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\*Specifications are subject to change without prior notice.

# FP-BS3600 Technical parameter

## Reading performance

Image sensor	752×480 CMOS
Processor	IOTC Two-dimensional decoding chip, 48MHz
Lighting	Red LED 625±10 nm
Decoding speed	Maximum up to 300 times per second
2D	PDF417, Data Matrix ( ECC200, ECC000, 050, 080, 100, 1410), QR Code
Symbologies 1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey
Reading accuracy	≥5mil
Symbol contrast	≥30% reflection difference
Reading angle	Rotate360° lean:±55° deflection:±55°
Field of view angle	Lever36°, vertical23°

## Mechanical / Electrical properties

Scanning gun size (L * w * h)	180.0mm×65.0mm×85.0mm
Scanning gun weight	164g
Prompt way	the buzzer, LED indicator
Working voltage	DC5V
Operating current	245mA
Standby current	6mA

## working environment

Working temperature	-20°C-+60°C
Storage temperature	-40°C-+80°C
Relative humidity	5% - 95% (No condensation)
Ambient light	0-100000 LUX

## The range of depth

Code system	Bar Code Density	Reading depth
Code39	5 mil	30mm-90mm
EAN-13	13mil	35mm-170mm
PDF 417	5 mil	35mm-90mm
Data Matrix	10mil	20mm-105mm
QR Code	15mil	30mm-140mm

\*Product performance may vary due to barcode quality and environmental conditions.\*

## List of accessories

Data line	USB, RS232
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