

# Módulo de scanner de código de barras fixo 2D

(Modelo no .: OCBS-F3100 / F4100)

## CARACTERÍSTICA:

Motor: 31,7 mm (L) x 12,2 mm (A) x 12 mm (D);

Placa de descodificação: 38 mm (L) x 19 mm (L) x 7,5 mm (D);

Fonte de Luz: Aimer: LED de 617 nm, Iluminação: LEDs de 625 nm;

Campo de visão: 39 ° (H) x 25 ° (V);

Rolo: 0 - 360 °;

Passo: ± 65 ° ou maior;

Guinada: ± 60 ° ou maior;

Contraste de impressão: diferença reflexiva mínima de 25%;

OCBS -F4100: com capa e cabo de dados;

OCBS -F3100: sem caixa & cabo de dados.

## Spec Chart

### Physical Characteristics

Dimensions:	Engine: 31.7mm L x 12.2mm H x 12mm D Decode board: 38mm L x 19mm W x 7.5mm D
Weight (w/o cable):	10g
Power:	5 VDC ± 10% @ 260 mA

### Performance Characteristics

Light Source:	Aimer: 617 nm LED Illumination: 625 nm LEDs
Field of View:	39° (H) x 25° (V)
Roll:	0 - 360°
Pitch:	± 65° or greater
Yaw:	± 60° or greater
Print Contrast:	25% minimum reflective difference

## Symbology Decode Capability

1D: UPC/EAN, UPC/EAN with supplementals, ISSN, BooklandEAN, UCC Coupon Extended Code, Code128, GS1-128, ISBT 128, Code 39 Full, ASCII, Code93, Code11, Matrix 2 of 5, Code 32, Interleaved 2 of 5, Code 39, Trioptic Code 39, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar, ISBT Concat Korean 3 of 5, Variants

2D: PDF417, MicroPDF417, Composite Codes, TLC-39, Data Matrix, Maxicode, QR Code, MicroQR, Aztec

Motion Tolerances: Up to 25 in. / 63.5 cm per second

Interfaces Supported: USB: HID Keyboard (default mode),  
COM Port Emulation

RS232: Standard

Minimum Resolution: -SR: Code 39 4.8mil, UPC 60% 5 mil,  
PDF417 5 mil, Datamatrix 7.5 mil

-HD: Code 39 3 mil, UPC 60% 5 mil,  
PDF417 4 mil, Datamatrix 4.8 mil

Power Supplies: Power supplies are available for applications that do not supply power over the host cable.

## REGULATORY

Electrical Safety: UL60950-1 2nd ed, CSA C22.2 No. 60950-1 2nd ed,  
EN60950-1/IEC60950-1 2nd ed.

LED Safety: IEC/EN60825-1:2001, IEC/EN62471:2006

EMI/RFI: FCC Part 15 Class B, ICES-003 Class B,  
EN55022 Class B, EN55024

Environmental: Compliant with RoHS directive 2002/95/EEC

## WARRANTY

Subject to the terms of OCOM 's hardware warranty statement, the 3100 is warranted against defects in workmanship and materials for a period of 1 years from the date of shipment. For the complete OCOM hardware product. warranty statement, go to: <http://www.ocominc.com>

## User Environment

Operating Temp:	0° C to 55° C
Storage Temp:	-40° C to 60° C
Humidity:	5% to 95%, non-condensing
Drop Spec:	Withstands multiple 6 ft. drops to concrete
Ambient Light:	Immune to normal indoor lighting up to 1600 Lux.
Immunity:	Immune to sunlight up to 86,000 Lux.

## Accessories

### Interface board and cable

Desempenho típico *		Intervalos de trabalho típicos			
		Faixa de foco HD		Faixa de foco SR	
Tipo de Código de Barras	Densidade de símbolo	Perto	Longe	Perto	Longe
Code 39	5,0 mil	0mm	90 mm	60 mm	130 mm
100% de UPCA	13 mil	5 mm	180 mm	30 mm	300 mm
Code 39	20 mil	5 mm	250 mm	35 mm	350 mm
PDF 417	6,8 mil	0mm	85 mm	40 mm	150 mm
Matriz de dados	10 mil	0mm	70 mm	50 mm	130 mm
Código QR	20 mil	0mm	180 mm	25 mm	250 mm
Resolução 1D Code 39		3 mil (0,076 mm)		5 mil (0,127 mm)	
Matriz de Dados 2D de Resolução		5 mil (0,127 mm)		6,7 mil (0,170 mm)	

\* O desempenho pode ser afetado pela qualidade do código de barras e pelas condições ambientais.

