

# Module de scanner de code à barres 2D fixe

(N ° de modèle: OCBS -F3100 / F4100)

## FONCTIONNALITÉ:

Moteur: 31,7 mm (L) x 12,2 mm (H) x 12 mm (D);

Carte de décodage: 38 mm (L) x 19 mm (L) x 7,5 mm (D);

Source de lumière: Aimer: LED 617 nm, Illumination: LED 625 nm;

Champ de vision: 39 ° (H) x 25 ° (V);

Rouleau: 0 - 360 °;

Pas:  $\pm 65^\circ$  ou plus;

Lacet:  $\pm 60^\circ$  ou plus;

Contraste d'impression: différence de réflexion minimale de 25%;

OCBS -F4100: avec boîtier et câble de données;

OCBS -F3100: sans étui & câble de données.

## 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 $\pm$ 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:	$\pm 65^\circ$ or greater
Yaw:	$\pm 60^\circ$ 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

Performance typique *		Gammes de travail typiques			
		Gamme de mise au point HD		Gamme SR Focus	
Type de code à barres	Densité de symbole	Près	Loin	Près	Loin
Code 39	5,0 mil	0mm	90mm	60mm	130mm
100% UPCA	13,0 mil	5mm	180mm	30mm	300mm
Code 39	20,0 mil	5mm	250mm	35mm	350mm
PDF 417	6,8 mil	0mm	85mm	40mm	150mm
Matrice de données	10,0 mil	0mm	70mm	50mm	130mm
QR Code	20,0 mil	0mm	180mm	25mm	250mm
Résolution 1D Code 39		3 mil (0,076 mm)		5 mil (0,127 mm)	
Résolution 2D Data Matrix		5 mil (0,127 mm)		6,7 mil (0,170 mm)	
* La qualité des codes à barres et les conditions environnementales peuvent avoir un impact sur les performances.					

