

## Baracoda D- Fly

*Add wings to your data !*

- Designed for mobile applications : very compact and convenient to handle in narrow spaces
- Integrated stylus for optimized use with touch screens
- Very ergonomic and light device : only 52g
- Bluetooth Class 2 (up to 10m) for optimized battery consumption
- Interfaces with a large variety of Bluetooth devices : PDAs/Mobile phones, Laptop and TabletPC

The Baracoda D-Fly is a wireless barcode scanner dedicated to mobile workers for occasional scanning operations and it is an ideal solution for applications where cost and ease-of-use are key factors.

D-Fly has been especially designed for mobile workers who require a compact and easy-to-use device for applications such as Sales Force Automation, Field Force Automation, Merchandising or Asset Tracking.

Its compact design enables the mobile workers to bring it out in the field. It can be recharged in a car on the cigarette lighter and also integrates a stylus for use with tactile screens.

Thanks to the BaracodaManager software tools from Baracoda, D-Fly connects easily to any mobile device (mobile phone, PDA, smartphone, ...) and it is easy to integrate on a wide range of platforms: Windows, Windows Mobile and CE.Net, Palm, Symbian. It also integrates a buffer memory which enables the data to be memorised in the scanner if the Bluetooth connection fails.



### Main Features

#### One click connectivity and Auto-Reconnection

Just switch on your scanner or just come back within the Bluetooth range of your host device to get connected! The connection process, thanks to the BaracodaManager, is automatic and completely transparent to the user.

#### No data loss mode and Auto Reconnection

When D-Fly is connected to a host, scanned barcodes are transmitted in real time to this host. Barcodes are stored within internal memory until they are acknowledged by the application. If you scan barcodes out of the radio range, they will be stored in memory and automatically downloaded when getting back into range.

#### Intuitive user interface

- Same button to switch on, connect and scan barcodes.
- Multi color led for connection and battery status.
- Sound beeps for successful scanning (Loud volume option available for noisy environment).

#### Platform interface

Baracoda provides users with BaracodaManager and SDK to ease the integration on the following mobile platforms: Windows XP and Vista ; Windows Mobile and CE .NET; Palm OS; Symbian (Mobile Phones); RIM (BlackBerry)

# Baracoda D-Fly Technical Specifications

## STANDARDS

Bluetooth 2.0

## SUPPORTED INTERFACES

RS232 Plug & Scan or USB Plug & Scansolution  
Standard Dongle

## BLUETOOTH RANGE

Class 2: up to 10 meters

## USER INTERFACE

Beeper 82 dB(A)  
LED Tricolour

## OPERATING MODES

Real Time  
«No Data Loss» with buffer (up to 50 barcodes)

## READING MODE

Switch, Autoscan

## PHYSICAL

Length 109 mm  
Width 39 mm  
Height 25 mm  
Weight 52 g

## ENVIRONMENT

Operating temperature -10°C - +40°C  
Storage temperature -10°C - +60°C  
Humidity 5 - 95%  
Shoc Several drops onto concrete (1.20 meters)  
Light Full darkness to sunlight  
Electrostatic discharge 8 kV air discharge  
and 4 kV of contact discharge

## ENERGY

Battery Li-on  
Capacity 320 mAh  
Charging time 1h for a full charge  
Battery autonomy 10h (10 scan/ min)  
Power supply Voltage 4,5V - 5,5 Volts

## REGULATORY

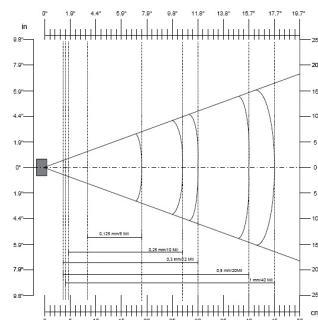
Input Transient Protection IEC 1000-4 - (2,3,4,5,6,11)  
EMI/RFI European Union EMC Directive

## DECODING CAPACITIES

Supported symbologies Code 2 of 5 (standard and interleaved), Matrix 2 of 5  
Code 11, Code 128, Code 39, Code 93, UPC-A,  
EAN 8/EAN 13, JAN 8/JAN13, MSI, Plessey  
GS1 DataBar Expanded (RSS expanded)  
GS1-128 (UCC-EAN-128)

## SCAN ENGINE

Reference EV10 Lite  
Reading technology CMOS  
Reading distance 6 to 35 cm (see decoding area)  
Scan rate 200 scans/ sec  
Scan angle 38°



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## Package content

1 D-Fly scanner with rechargeable battery  
1 Charger (5V, 500mA) - 1 universal charging adaptor (AUS/EU/US/UK)  
1 CD with all the documentation and software needed

## Available accessory

Car charger adaptor  
Lanyard

## About Baracoda

Baracoda is the world's leading manufacturer of Bluetooth wireless barcode readers and RFID solutions. The company promotes the development of data capture solutions for both Mobile and In Premise applications in the retail, healthcare, transportation and logistics industries as well as for all real-time traceability applications. Cutting-edge technology is the core of our products and solutions. Baracoda has made Bluetooth an industrial-strength data communication solution, with specific skills in the management of power consumption, security, and the interoperability of systems. Baracoda's added value lies in our ability to provide customers and partners with appropriate, reliable, and extremely competitive solutions suitable for all wireless environments. For more information, visit <http://www.baracoda.com>.

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