



IDBlue™ Version

IDBlue™ Pocket PC Demo User Guide

1 Installing the Program:

- 1.1 Click "Start->All Programs->CathexisInnovations ->IDBlue->PocketPC->Install Asset Management Demo on PocketPC". Go through all of the steps in the installation wizard.

2 Running the Program

- 2.1 In order to run the program, navigate to **Start Menu->Programs**. The program is labeled **IDBlue Demo** with the following icon . Single click the application's icon.
- 2.2 Turn on the IDBlue™ Device by pressing the button located near the tip of the device. The LED will begin flashing green once per second when the device is powered on. Please refer to Section 5 of this user guide for all LED codes.

Note: If you are asked to provide a pin code, enter "0000" and tap OK.

3 Selecting a Bluetooth® Device:

3.1 Click **Start Search**.



Finding a Bluetooth® device

- 3.2 Select the Device, click **Set and Close**.
- 3.3 Once the program is loaded, click on **File -> Connect** in the bottom left corner of the screen.
- 3.4 Single click on the appropriate IDBlue™ device, in this case, "IDBlue". Establishing the Bluetooth® link may take several seconds.

Note: Only do a Search when connecting to a new device, or when changing to a different device.

4 Using the IDBlue Device

Reading a RFID Tag:

- 4.1 Press and release the device button to start tag scan - LED turns amber.
- 4.2 Place the nose of the IDBlue™ device within a 5 cm proximity to the spot indicated by the supplied RFID tag. The device LED will flash green upon successful read. If IDBlue™ times-out (i.e. nothing is picked up after 8 seconds), LED will flash red indicating an unsuccessful operation.

Note: Do NOT hold down the button. Press AND Release.

- 4.3 Once a tag is successfully read, tag data and images will be displayed in the Pocket PC IDBlue Demo application screen.



A screenshot of the read functionality

Writing to a RFID Tag:

- 4.4 Enter owner information into Owner field.
- 4.5 Choose a *Department* as indicated by the drop down box in the application.
- 4.6 Select Write on the Demo Application Screen.
- 4.7 Press and release the device button to start tag scan - LED turns amber.
- 4.8 Place the nose of the IDBlue™ Device within a 5 cm proximity to the area indicated by the supplied RFID tag. The device LED will flash green upon successful write. If IDBlue™ times-out (i.e. nothing is picked up after 8 seconds), LED will flash red indicating an unsuccessful operation.
- 4.9 When in "amber" scan mode, user has the option to return to initial state by pressing and releasing the button again.



A screenshot of the write functionality

Note: If the IDBlue™ device becomes disconnected from the Pocket PC or the Pocket PC is turned off while the demo is running, click on File->Disconnect and then File->Connect to reconnect to the IDBlue™ device.

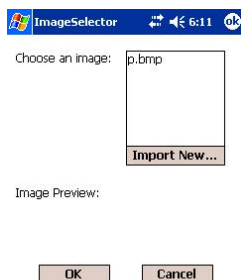
5 IDBlue™ Status Display Summary

Listed are the LED blinking codes:

Slow Green Blinking	Awaiting Connection
Fast Green Blinking	Bluetooth Connected
One 0.5s Green Flash	Scan Succeeded
One 0.5s Red Flash	Scan Failed
Constant Red Light	Battery Charging
Constant Amber Light	Tag Scan

6 Customize Tags with Pictures

6.1 Click **Change Image**.



6.2 Click **Import New...**

- 6.3 Select an image from "My Documents\IDBlue Demo" to associate with a tag. Any images assigned to tags must be bitmaps and their filename length can not be greater than one character (e.g. a.bmp). Files can be copied onto the Pocket PC via ActiveSync's Explore option.

6.4 Click **OK**.

7 Troubleshooting

Most problems may be corrected by simply resetting the IDBlue™ device. Insert a ballpoint pen or PDA stylus into the small hole on the underside of the device. This will turn off the device. To turn on the device and reinitialize a connection to the Pocket PC and demo application, follow the steps listed in section 2.

8 Recharging the IDBlue™ Device

- 8.1 Turn off the IDBlue™ device by pressing the reset button located on the underside of the device. The device is off when the LED is no longer blinking.
- 8.2 Plug the supplied DC adapter into the socket at the end of the IDBlue™ device.
- 8.3 When charging, the LED on the IDBlue™ device will appear RED. The LED will turn off when the device is fully charged.

Note: The IDBlue™ Device CANNOT be used while charging. **A full recharge of the battery will take 1.5 hrs – 2 hrs.**

9 Regulatory Notes and Statements

Regulatory Information/disclaimers

Installation and use of this device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The Manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, of the substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

FCC Compliance Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

FCC Radio Frequency Exposure Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the distance between the equipment and the receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.