

DP120USB User Guide

General Use and Installation

Your DP120 handheld device contains the hardware necessary to read/write to RFID tags. Software, which is either provided as a standard Northern Apex RFID application program or as a custom program for a unique application, is required to allow the DP120 to function. A CD containing this software is included with your DP120USB.

- Install this software using the install Wizard by inserting the CD provided into your CD-ROM or CD-RW drive and complete the instructions that appear on the screen.
- Once installed, run the program using the icon provided on your Windows desktop or using the program menu.
- Select Config under the File menu.
- A window will appear allowing you to either:
 - 1) select the COM port which Windows has assigned to your DP120. This can be found in the Control Panel under the Device Manager.
 - 2) or simply right click the Auto Config button which automatically searches for the port into which you inserted the DP120 cable.

Drivers

An auto install executable will automatically place the driver files into the correct locations on your PC/Laptop. Simple double click on the Windows XP,2000 driver icon provided with the CD and it will do the rest.

Cable

The DP120 cable extends from the DP120 desktop unit and terminates at a type A USB connector which is to be plugged into a standard USB port provided on your PC or laptop.

Antenna

The antenna area is located on the Northern Apex logo, above which your RFID tag is to be placed. The antenna should not be removed or tampered with since its tuning circuit may be compromised and your read distance reduced.

Note: Read distance range, dependent upon the size and type of tag to be used, is 0.5" to 4". The typical read distance is 2" +/- 0.5".

Trouble Shooting

If your DP120 does not appear to work correctly, please check the following:

1. Did you install software to display read/write tag information?
2. Is the USB connector plugged into the back of the PC/laptop?
3. Does your Device Manager show that it has assigned a COM port to your DP120 and detected your DP120?
4. Did the config function locate the device and acknowledge by giving you a message stating it had found a reader on one of your serial ports?
5. Have you verified that the tag is operational by trying additional tags?

NOTICE TO THE USER

Modifications, changes, repairs by a non-authorized RFID service technician, and any use outside of its intended use void any expressed or implied warranty. Furthermore, any modifications, changes to this product, or use outside of its intended use, without expressed approval by Northern Apex RFID, who has sought compliance with FCC Certification to CFR 47 Part 15, **may void the user's authority to operate this product.**