



RuBee TagTool Application

User Manual

Version 1-2, November 7th 2010

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1 Overview

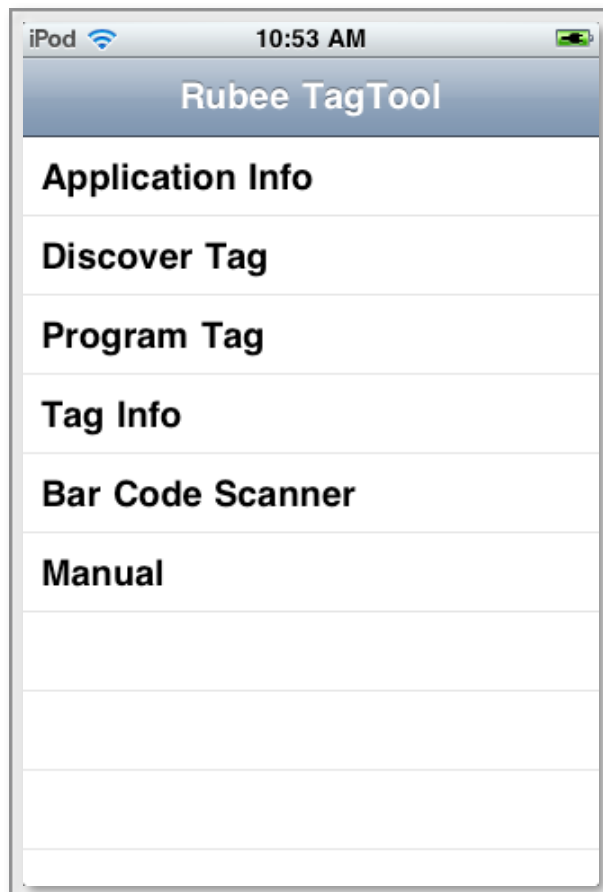
TagTool **tt** is a general purpose RuBee tag application that runs on a pRap equipped with an optional barcode reader and a RuBee reader. The application can read and write RuBee network addresses, subnet addresses, by manually entering desired number, or via the 1D barcode reader.

For more information about RuBee go to www.rubee.com

For more information about pRap go to www.rubee.com/pRap

For information about TagTool go to www.rubee.com/TT

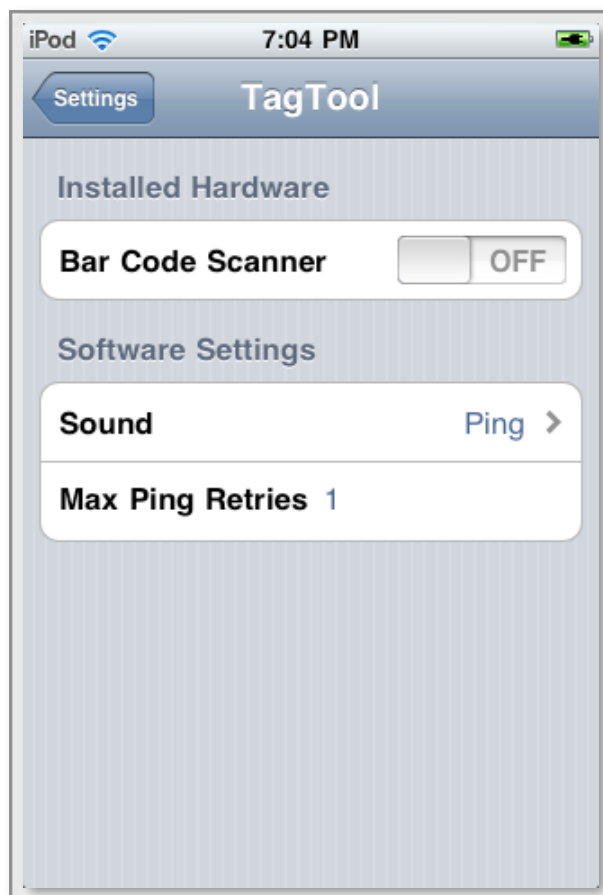
It is important to go to the Apple Setup application on the main screen and set a few parameters before starting. The menu items seen below in main **tt** screen can be selected and are described in detail in following sections.

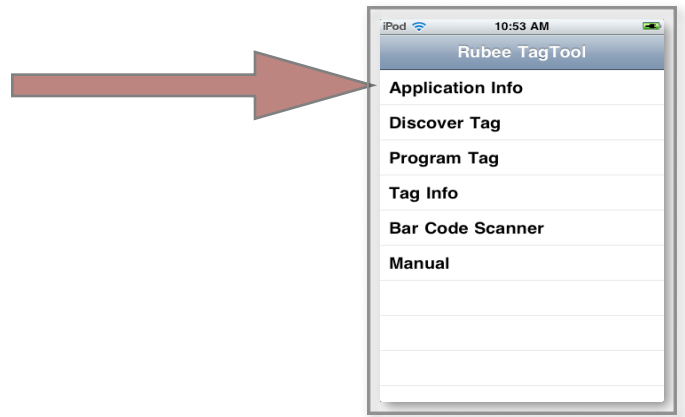


2 Preferences

Go to main menu in iTouch and select Settings, scroll down to bottom and click on TagTool icon and screen seen below will appear. Turn Barcode reader On if you plan to use it. It does not consume any power when On. If you don't have a Barcode reader on your pRap can ignore this option.

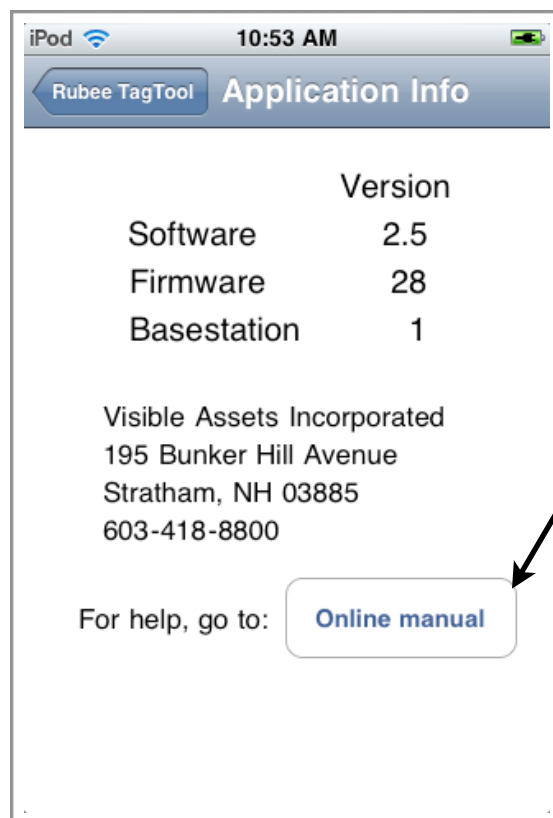
The Sound option selects the sound used when **tt** reads a tag and CRC is good. Max Ping Retries is number of times **tt** tries to find a tag in Ping mode before it gives up and moves on to the next tag.



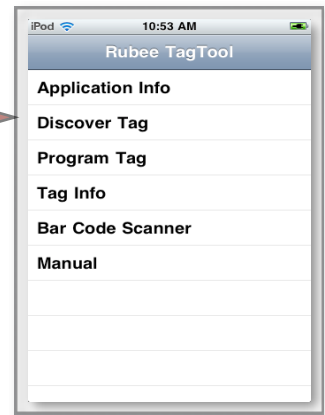


3 Application Info

“Application Info” shows all information about version number, as well as on-line manual.



Touch for on-line manual
 or use resident manual - last
 main menu entry “Manual”.

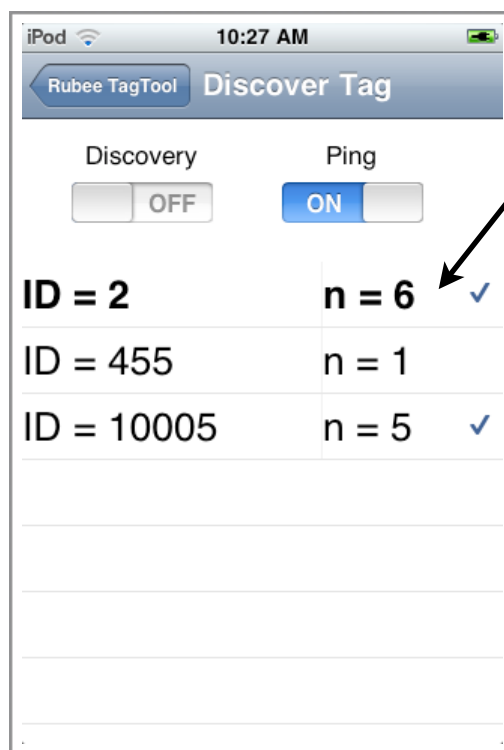
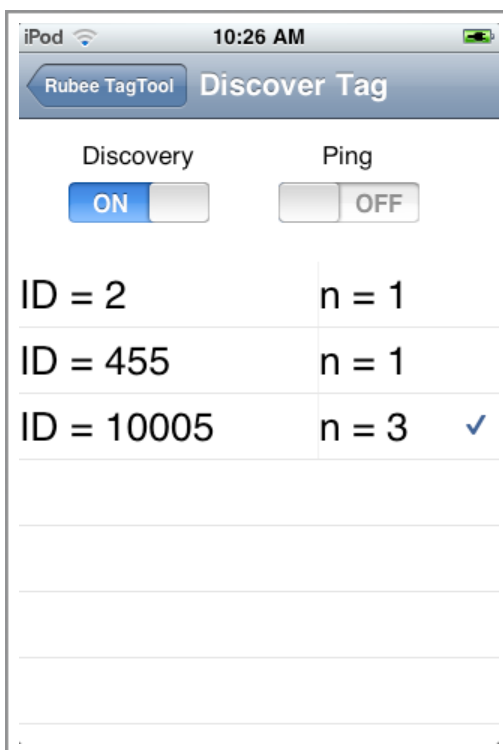


4 Discover Tag

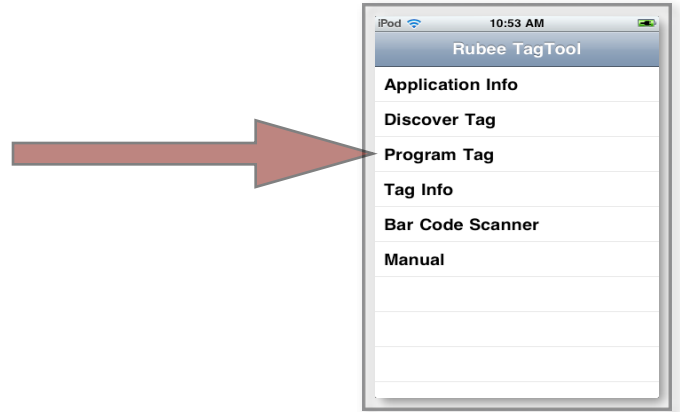
“Discover Tag” does both tag Discovery and tag Ping, you can flip back and forth. Also can select as many or few tags as you like with check mark in Ping mode. Note this is a scrolling window so tags can drop off bottom, just scroll down to see them.

Start by selecting Discovery (move slider to On position) - **tt** initializes and will discover any Tag within about 1-2 feet of handheld, Net Address will appear on screen and number of reads to the right. Keep adding tags to the pRap read area, and **tt** will continue to discover tags.

Select Ping (move slider to On position) and **tt** switches to Ping mode (two way ping between tag and pRap). Last discovered tag is selected via check mark on right of screen, but you can select as many tags as you like to Ping in sequence by touching Net Address, and **tt** will cycle through Pings.



Touch Tag Address after Discovery to select for pings, check mark will appear if selected

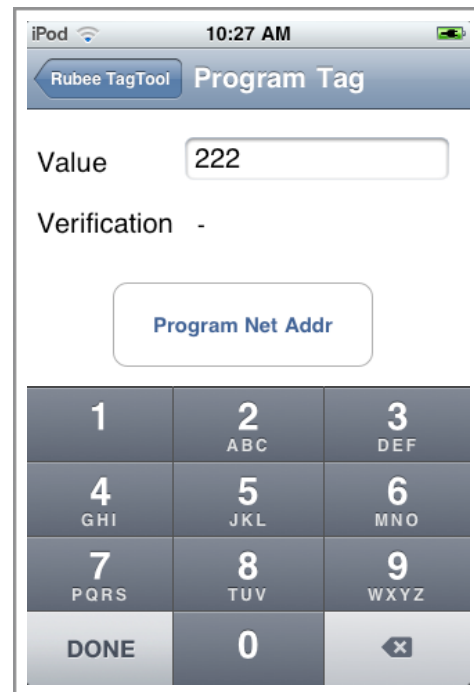
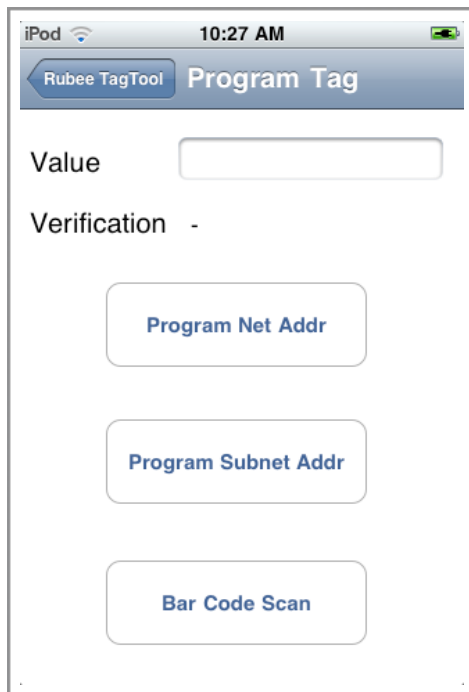


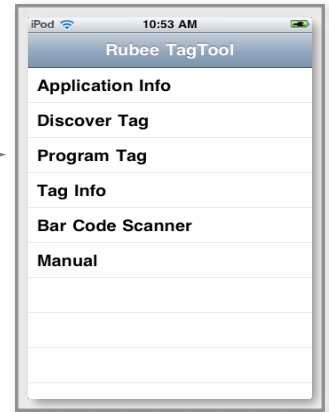
5 Program Tag

“Program Tag” provides ability to program Net Address and Subnet Address via manual entry or via barcode entry. Verification output will display new value in green if successful, red if not successful.

Touch window next to Value and keypad will appear, enter in new values touch "Done". Touch "Program Net Address" or "Program Subnet address."

Touch Barcode button and read any value into the Value window with the pRap barcode scanner. Touch same Program button above to program tag with those values. Note: If barcode does not come on check **tt** Settings in main Apple Menu on first screen of unit and make sure you have barcode turned on. Again if value not written will see red digits in Verification output, if correctly written will see numbers in green.





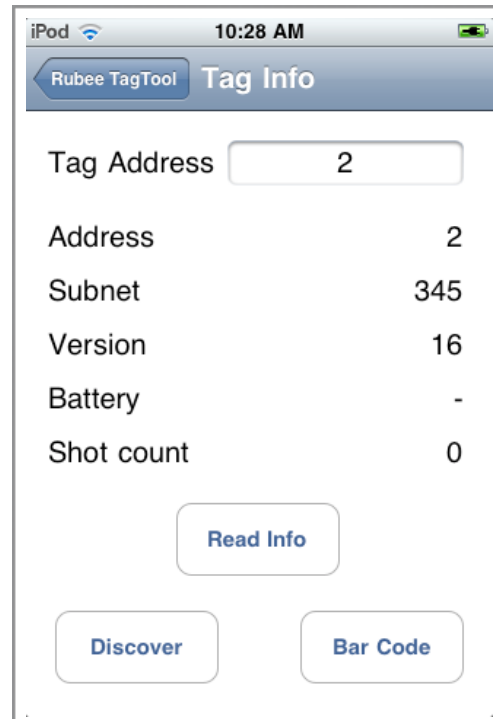
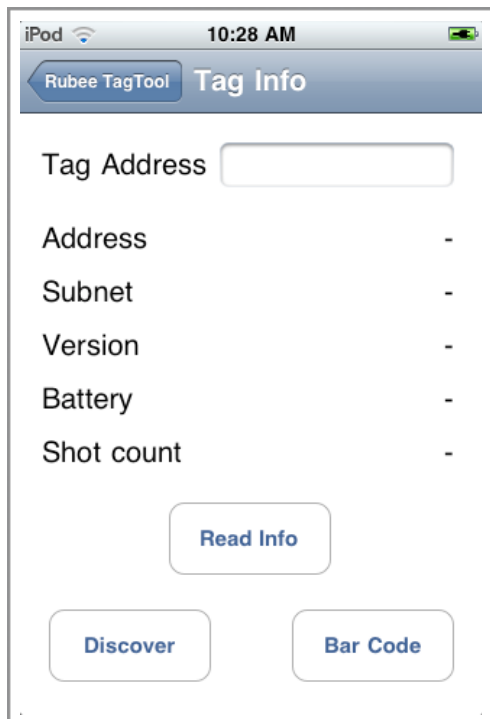
6 Tag Info

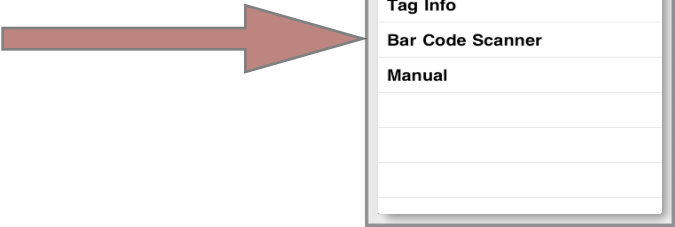
“Tag Info” provides ability to program Net Address and Subnet Address via manual entry or via barcode entry. Verification output will display new value in green if successful, red if not successful.

Touch window next to Value and keypad will appear, enter in new values touch "Done". Touch "Program Net Address" or "Program Subnet address."

Touch Barcode button and read any value into the Value window with the pRap barcode scanner. Touch same Program button above to program tag with those values.

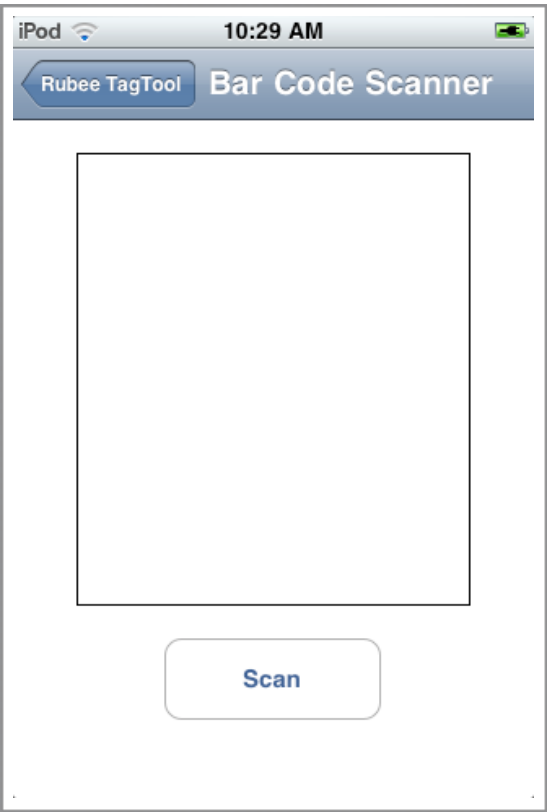
Note: If barcode does not come on check Settings in main Apple Menu on first screen of unit and make sure you have barcode turned on. Again if value not written will see red digits in Verification output, if correctly written will see numbers in green



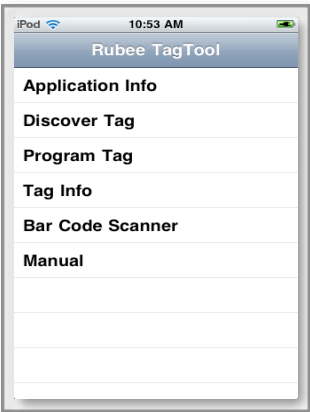


7 Bar Code Scanner

“Bar Code Scanner” simply turns barcode scanner on and reads the 1D code, is placed into the list.



8 Manual



“Manual” displays simple version of this Tag Tool user manual.

