

ThingMagic IZAR – Quick Start Guide

Accessories included in optional Development Kit:

- RP-TNC to RP-TNC RF Cable
- RFID Antenna (Supports all regions, 7.5 dBiC)
- LAN Cable (cross-over)
- Sample Tag Pack

NOTE: IZAR reader and power adaptor are not included in the development kit



Steps to Install IZAR and Read via a Web Browser

STEP 1

- Attach the RF cable to the “1” reader port and to the antenna.



STEP 2

- Attach the LAN cable to your network or directly to your PC.
- Connect the 24V DC power adapter to the IZAR Reader. Install the correct prongs for your AC service onto the adapter and plug it in.
- *Do not power the reader with a USB cable.*



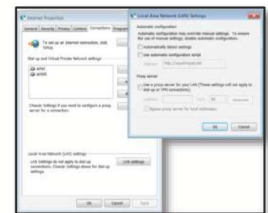
STEP 3

- When the multicolor LED to the right of the USB HOST connector turns green, the reader has obtained a network address from the network's DHCP server, or negotiated one with your PC.
- *This can take several minutes.*



STEP 4

- By accessing your browser's "Settings", disable any proxy settings.
- Go to "LAN Settings" and disable both automatic configuration and proxy server. We recommend using Google Chrome.
- *Each browser is different so consult their online help if needed.*



STEP 5

- Copy the web URL from the IZAR label into your web browser, only including what is on the line that starts with “http”.
- Add “.local” to the URL if the IZAR Reader is directly connected to a PC.



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Steps to Install IZAR and Read via a Web Browser (Continued...)

STEP 6

- After a few moments, you will be connected to the IZAR status screen.
- When prompted, enter username as “web” and password as “radio”.

STEP 7

- Navigate to the Settings → “READER” screen.
- Select “Antenna 1” (*Do not select any other antennas*).
- Press “Save Reader Settings” at the bottom of the page.

STEP 8

- Click on the “READ” icon at the top of the screen.
- In the READ screen, click on the “Start” button in the upper right. Tag reading result will appear on the main screen.

STEP 9

- To suspend reading, click the “Stop” button.

The screenshots show the IZAR web interface. The first screenshot is the login screen with a 'web' username and a password field. The second screenshot is the 'READER' settings screen with 'Antenna 1' selected. The third screenshot is the 'READ' screen with the 'Start' button. The fourth screenshot is the 'READ' screen with the 'Stop' button. The fifth screenshot is the 'READ' screen with the 'Search' field and 'Age (s)' and 'Last Seen' filters.

For More Information:

For additional functionality, troubleshooting and detailed instructions, download the IZAR User Guide from <http://www.thingmagic.com/manuals-firmware>

(As updated firmware becomes available, it will also be located on this site.)

To access more advanced functionality, download our PC-based utility, “Universal Reader Assistant” downloadable from: <http://www.thingmagic.com/manuals-firmware#Universal Reader Assistant>.

To learn more about creating host-based or reader-based programs to control the IZAR Reader, see the Mercury API programmers Guide and SDK, downloadable from: <http://www.thingmagic.com/manuals-firmware#Mercury API>



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