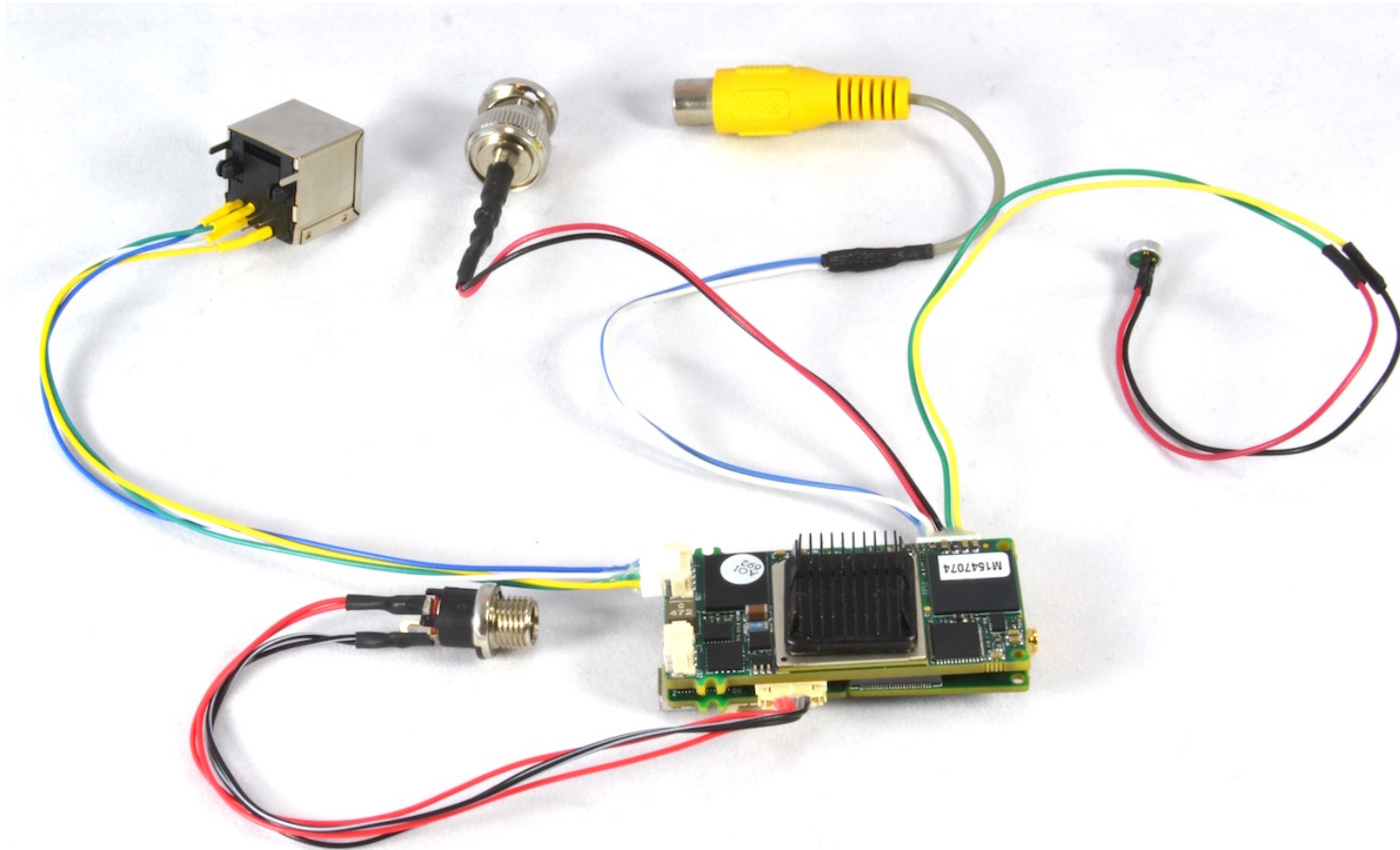


# UAV Nano ANT-1773

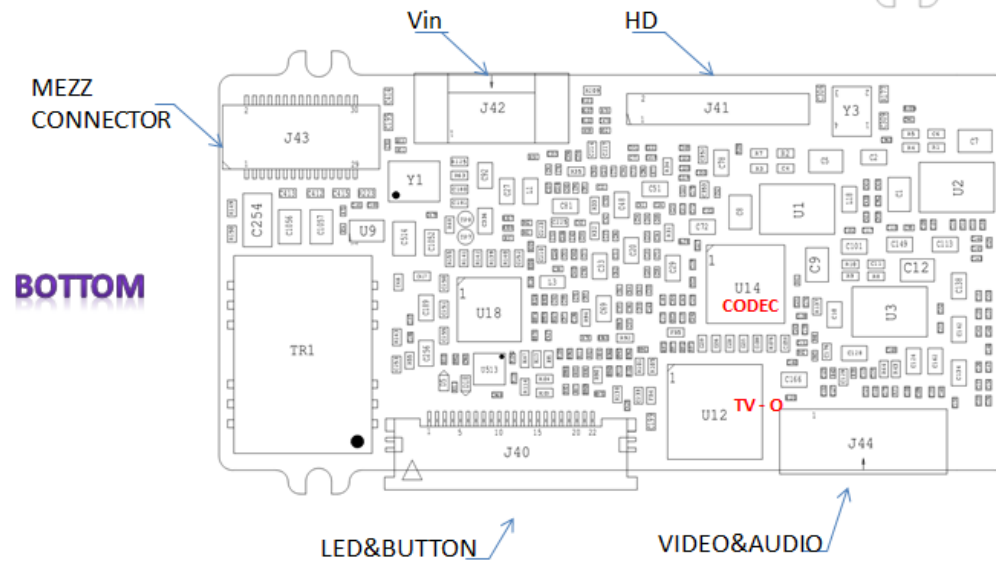
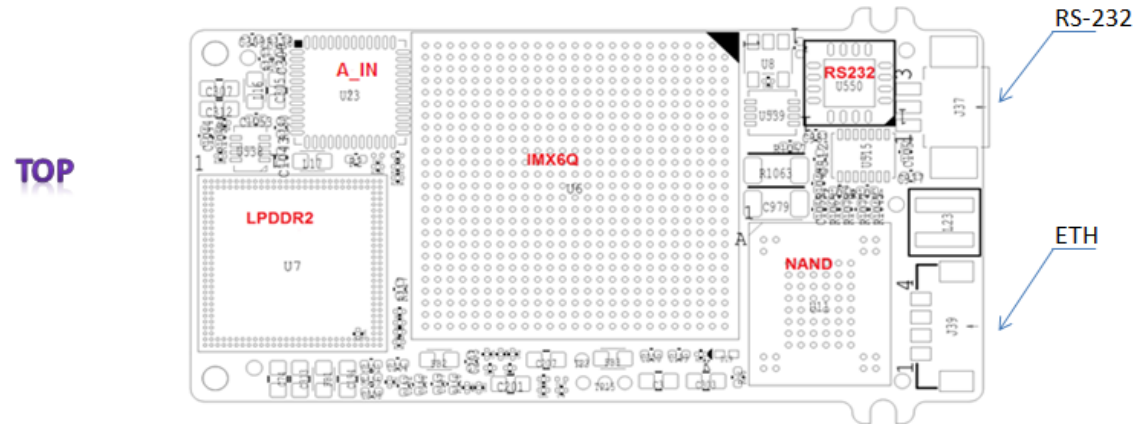


Quick Start Guide

# Demo Default Settings-Micro

- Micro ANT-1772 default 192.168.0.30
- SD2 is used for composite video
- HD1 is used for HD-SDI
- Mux1 : HDSDI MPEG TS 227.2.2.7 port 1234
  - Udp://@227.2.2.7:1234
- Mux2 : SD MPEG TS 227.2.2.8 port 1235
  - Udp://@227.2.2.8:1235
- Mux3: HDSDI- RTSP://192.168.0.30:554/mux3.sdp
- Mux4: SD – RTSP://192.168.0.30:554/mux4.sdp

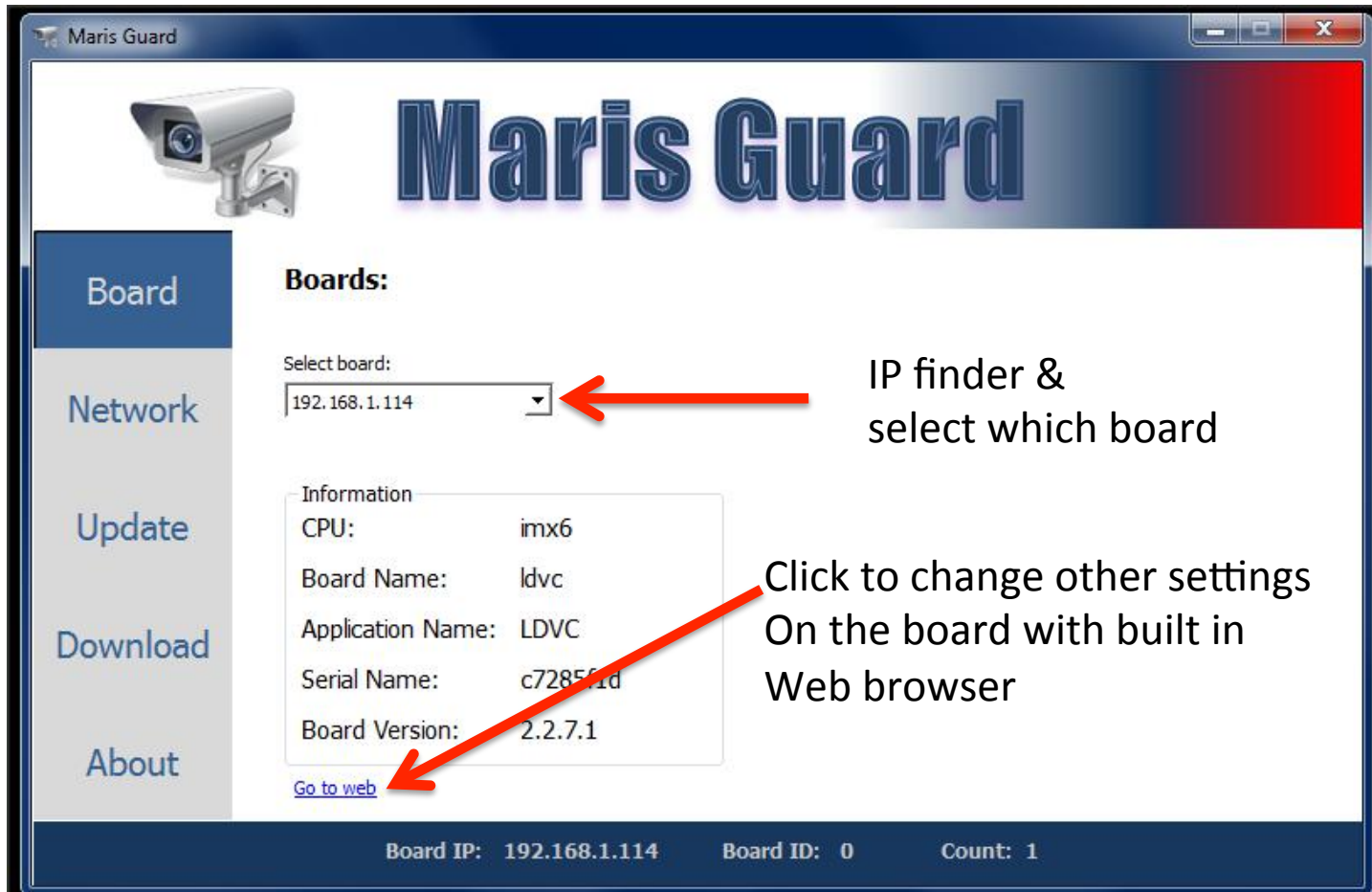
# Diagram



# Using MARIS GUARD Software

Maris Guard software allows you to find the IP address of the board  
Change IP address settings upgrade the board Firmware.

Maris Guard contains its own browser to change other settings on the board  
without the need for a third party browser.



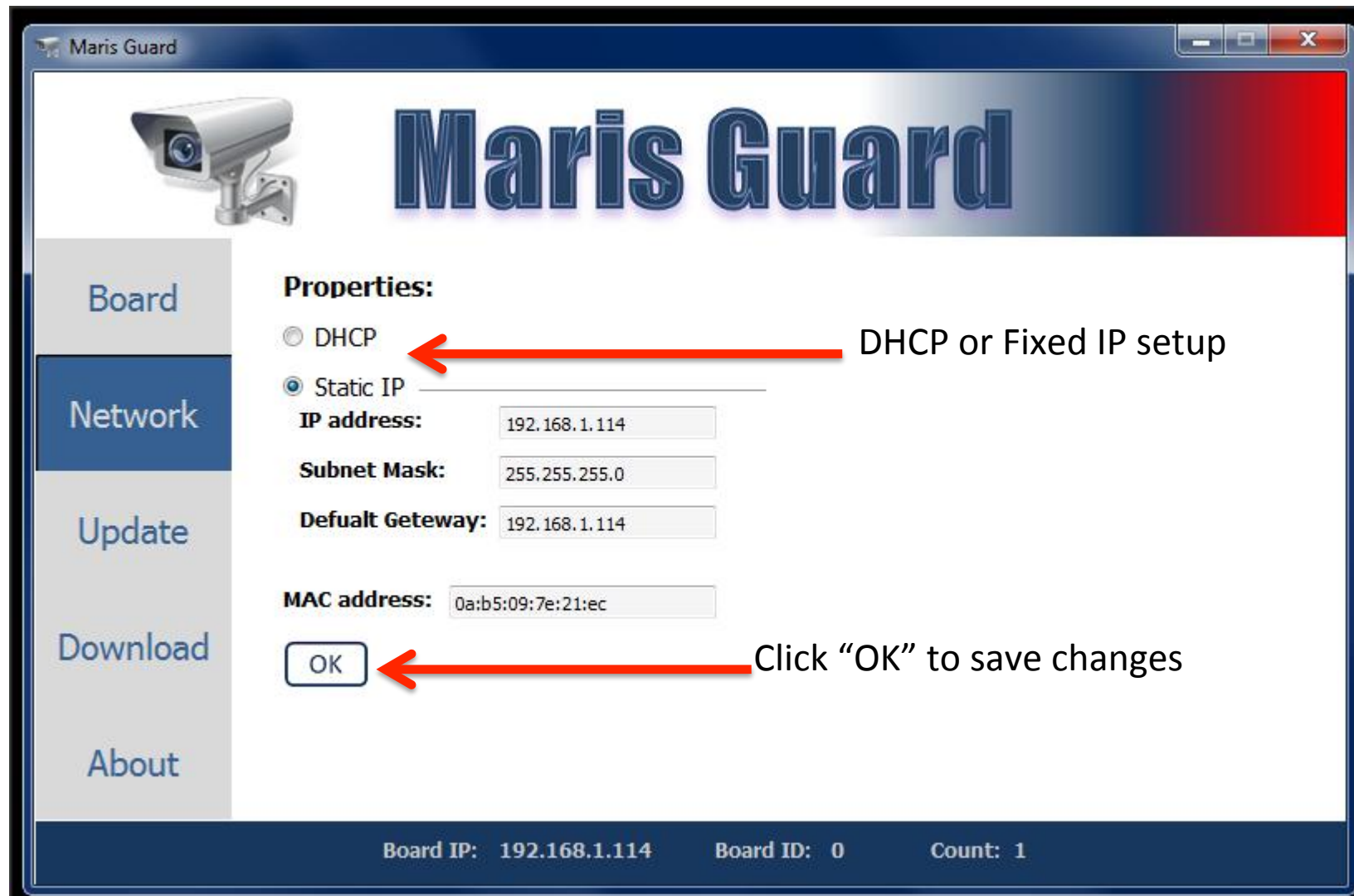
The screenshot displays the Maris Guard software interface. On the left, there is a vertical navigation menu with buttons for "Board", "Network", "Update", "Download", and "About". The main content area is titled "Boards:" and features a "Select board:" dropdown menu currently showing "192.168.1.114". Below this is an "Information" box containing the following details:

CPU:	imx6
Board Name:	ldvc
Application Name:	LDVC
Serial Name:	c7285f1d
Board Version:	2.2.7.1

At the bottom of the information box is a "Go to web" link. A red arrow points from the text "IP finder & select which board" to the dropdown menu. Another red arrow points from the text "Click to change other settings On the board with built in Web browser" to the "Go to web" link. The status bar at the bottom of the window displays "Board IP: 192.168.1.114", "Board ID: 0", and "Count: 1".

# Using MARIS GUARD Software-2

Network Tab allows DHCP or fixed Ip to be setup.



The screenshot displays the Maris Guard software interface. The title bar reads "Maris Guard". The main header features a camera icon and the text "Maris Guard". A vertical sidebar on the left contains the following menu items: "Board", "Network" (highlighted in blue), "Update", "Download", and "About".

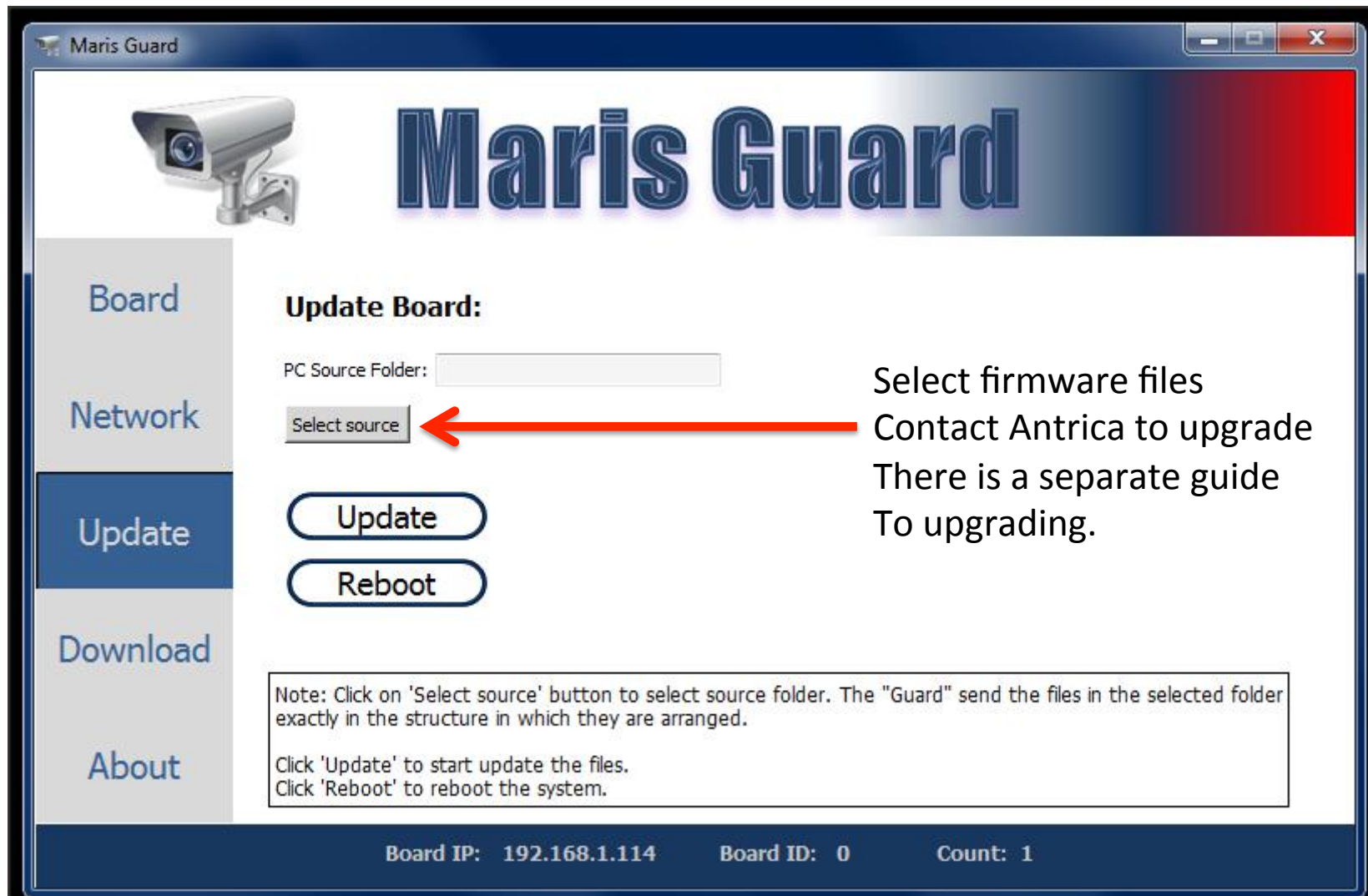
The "Properties:" section is visible, with two radio button options: "DHCP" and "Static IP". A red arrow points from the text "DHCP or Fixed IP setup" to the "Static IP" radio button. Below these options are three input fields: "IP address:" (192.168.1.114), "Subnet Mask:" (255.255.255.0), and "Default Geteway:" (192.168.1.114). Below these is a "MAC address:" field containing "0a:b5:09:7e:21:ec".

An "OK" button is located at the bottom of the configuration area. A red arrow points from the text "Click 'OK' to save changes" to this button.

At the bottom of the window, a status bar displays: "Board IP: 192.168.1.114", "Board ID: 0", and "Count: 1".

# Using MARIS GUARD Software-2

UPDATE Tab allows firmware to be upgraded



The screenshot shows the Maris Guard web interface. On the left is a navigation menu with options: Board, Network, Update (highlighted), Download, and About. The main content area is titled 'Update Board:' and contains a 'PC Source Folder:' text input field, a 'Select source' button, and 'Update' and 'Reboot' buttons. A red arrow points from the 'Select source' button to the right. To the right of the arrow, text reads: 'Select firmware files', 'Contact Antrica to upgrade', 'There is a separate guide', and 'To upgrading.' Below this is a note box with instructions: 'Note: Click on 'Select source' button to select source folder. The "Guard" send the files in the selected folder exactly in the structure in which they are arranged.' and 'Click 'Update' to start update the files. Click 'Reboot' to reboot the system.' At the bottom, a status bar displays: 'Board IP: 192.168.1.114', 'Board ID: 0', and 'Count: 1'.

**Update Board:**

PC Source Folder:

Select source

Update

Reboot

Select firmware files  
Contact Antrica to upgrade  
There is a separate guide  
To upgrading.

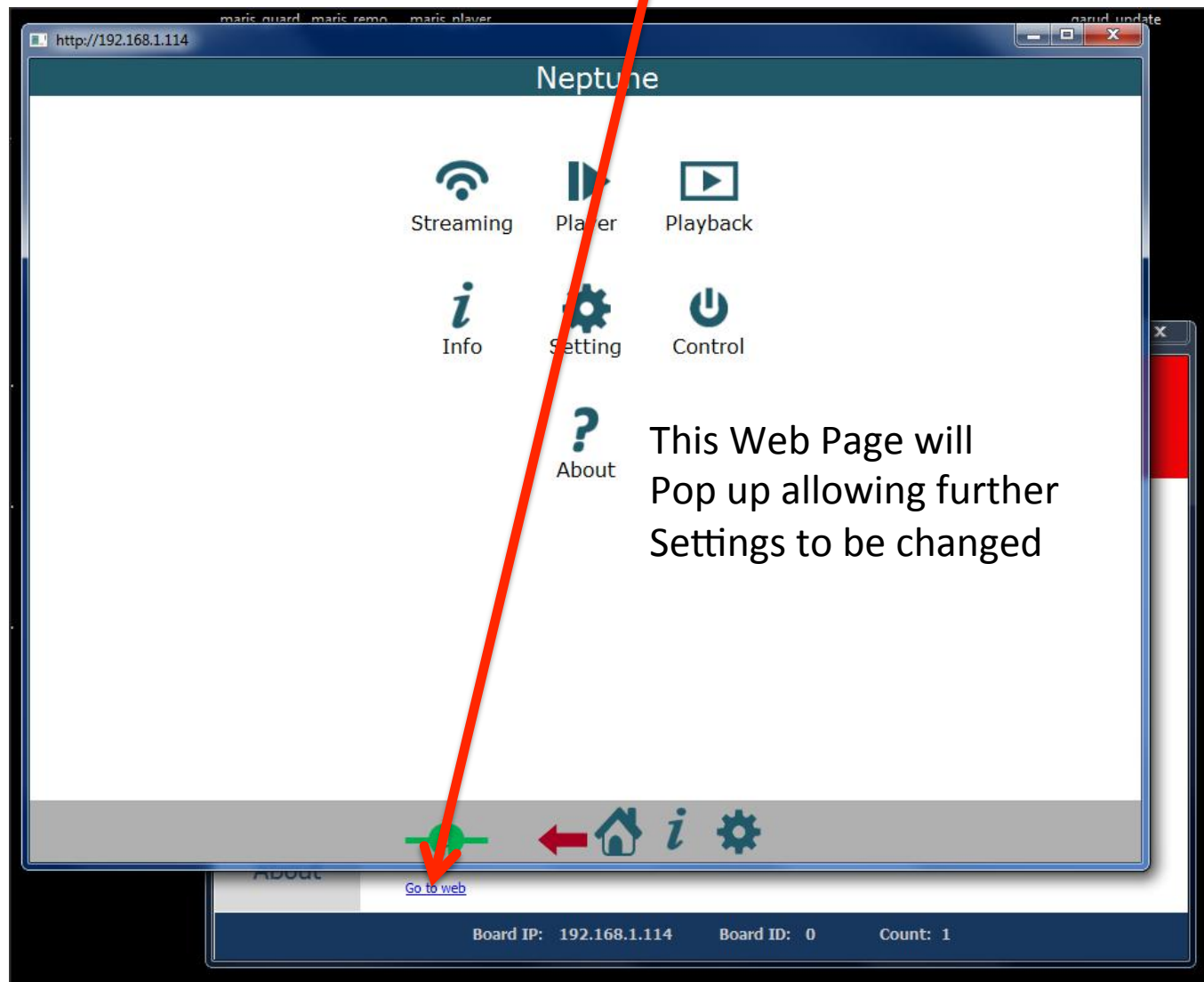
Note: Click on 'Select source' button to select source folder. The "Guard" send the files in the selected folder exactly in the structure in which they are arranged.

Click 'Update' to start update the files.  
Click 'Reboot' to reboot the system.

Board IP: 192.168.1.114    Board ID: 0    Count: 1

# Using MARIS GUARD Software-2

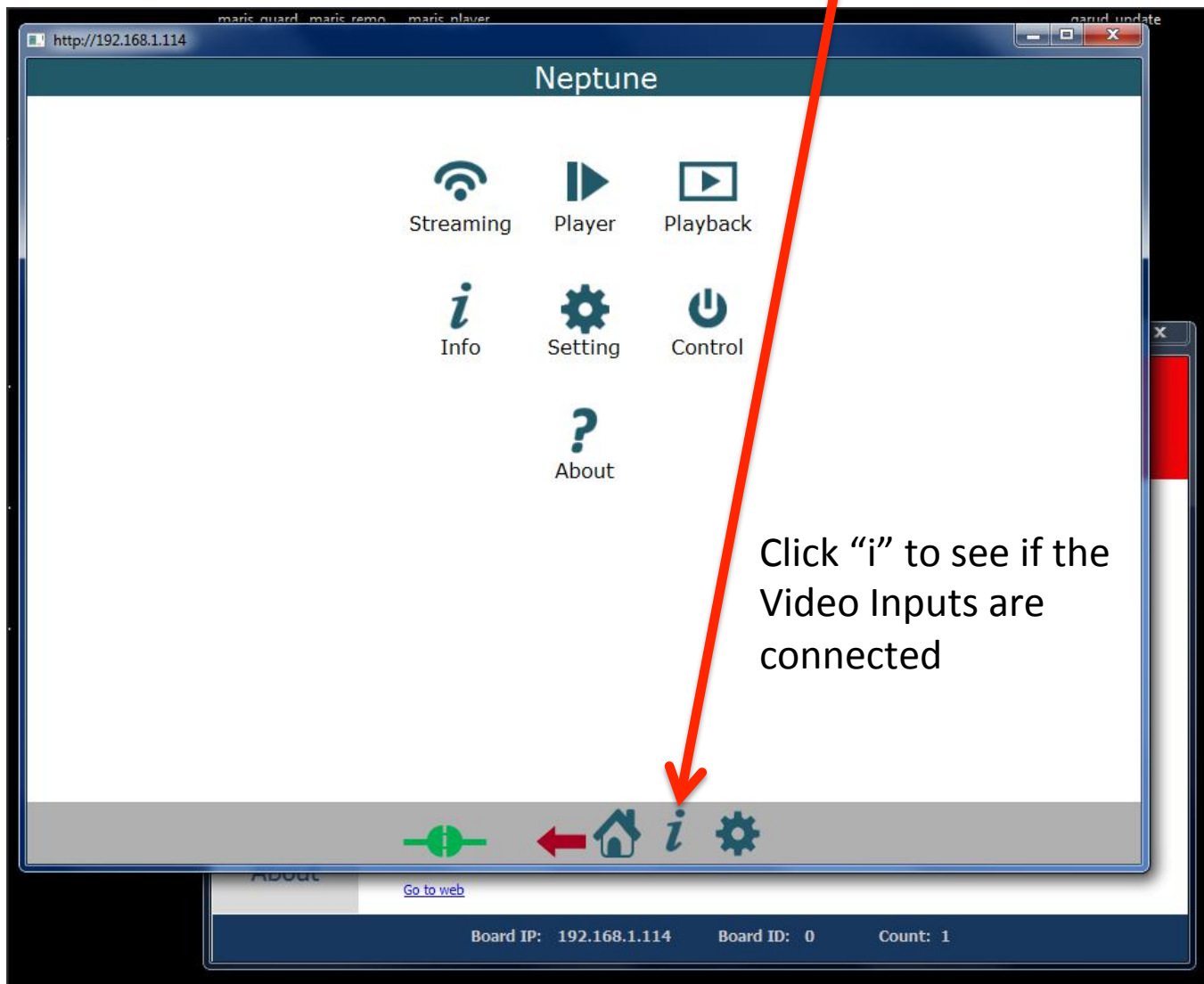
To Enable Browser click on Go To Web- See Web Setup User Manual





# Using the Web Page Info Button

To check the board video input status click here



The screenshot shows a web browser window displaying the Neptune interface. The browser's address bar shows the URL `http://192.168.1.114`. The Neptune interface has a dark blue header with the title "Neptune". Below the header, there are six main menu items arranged in a grid: "Streaming" (with a Wi-Fi icon), "Player" (with a play button icon), "Playback" (with a video player icon), "Info" (with an "i" icon), "Setting" (with a gear icon), and "Control" (with a power button icon). Below these is an "About" item with a question mark icon. At the bottom of the interface, there is a navigation bar with four icons: a green USB icon, a red left arrow, a blue home icon, and a blue "i" icon. A red arrow points from the text "To check the board video input status click here" to the "i" icon in the navigation bar. Another red arrow points from the text "Click 'i' to see if the Video Inputs are connected" to the "i" icon in the main menu. At the bottom of the browser window, there is a status bar with the text "Board IP: 192.168.1.114 Board ID: 0 Count: 1".

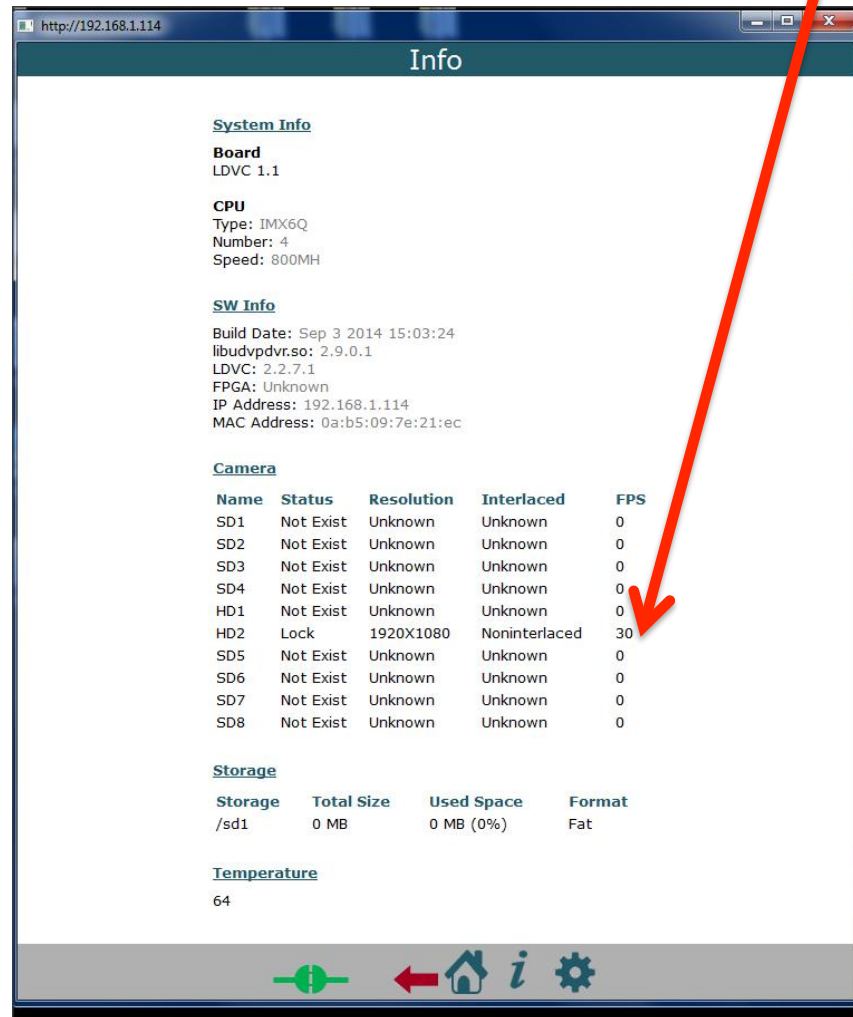
Click "i" to see if the Video Inputs are connected

Board IP: 192.168.1.114 Board ID: 0 Count: 1



# The info “i” page

If this page is not showing video inputs are connected and locked  
You will need to setup the board to enable the correct inputs  
See the Web User manual for details.



The screenshot shows a web browser window with the URL `http://192.168.1.114`. The page title is "Info". The content is organized into several sections:

- System Info**
  - Board**: LDVC 1.1
  - CPU**: Type: IMX6Q, Number: 4, Speed: 800MH
- SW Info**
  - Build Date: Sep 3 2014 15:03:24
  - libudvdrv.so: 2.9.0.1
  - LDVC: 2.2.7.1
  - FPGA: Unknown
  - IP Address: 192.168.1.114
  - MAC Address: 0a:b5:09:7e:21:ec
- Camera** (Table):

Name	Status	Resolution	Interlaced	FPS
SD1	Not Exist	Unknown	Unknown	0
SD2	Not Exist	Unknown	Unknown	0
SD3	Not Exist	Unknown	Unknown	0
SD4	Not Exist	Unknown	Unknown	0
HD1	Not Exist	Unknown	Unknown	0
HD2	Lock	1920X1080	Noninterlaced	30
SD5	Not Exist	Unknown	Unknown	0
SD6	Not Exist	Unknown	Unknown	0
SD7	Not Exist	Unknown	Unknown	0
SD8	Not Exist	Unknown	Unknown	0
- Storage** (Table):

Storage	Total Size	Used Space	Format
/sd1	0 MB	0 MB (0%)	Fat
- Temperature**: 64

A red arrow points from the top right of the browser window down to the 'HD2' row in the Camera table.



## Support

This file plus user manuals  
Maris Guard and other Software  
is stored in a Cloud based folder

Please contact us for a link to these files

[support@antrica.com](mailto:support@antrica.com)

+44 1628 626098

Quick Start Guide