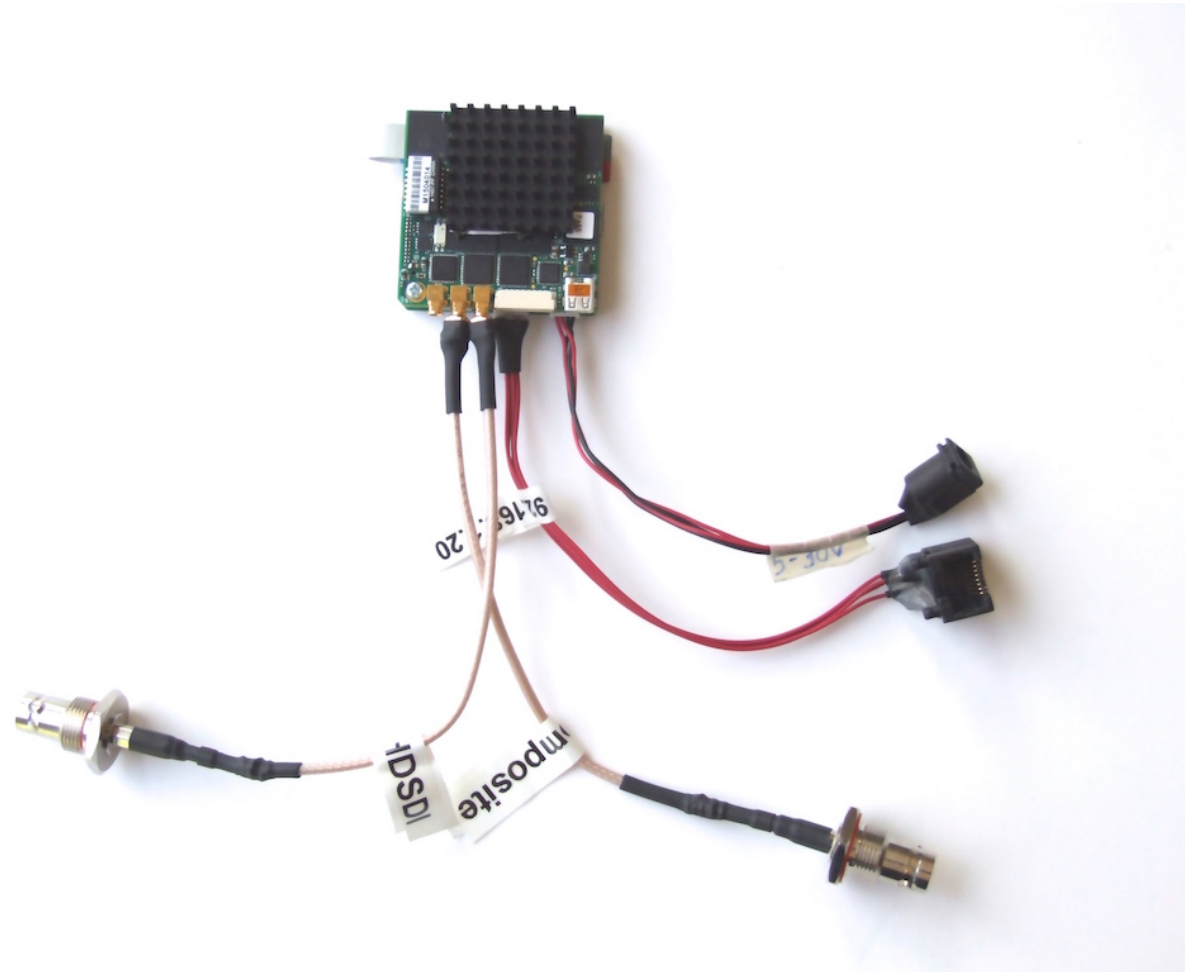


UAV Micro ANT-1772

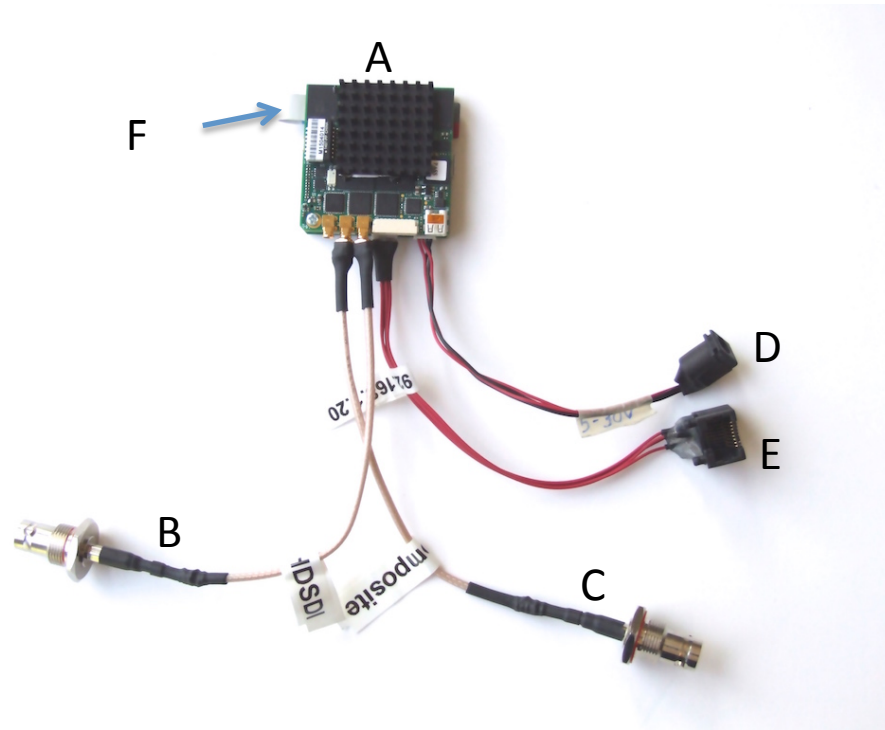


Quick Start Guide

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

Components

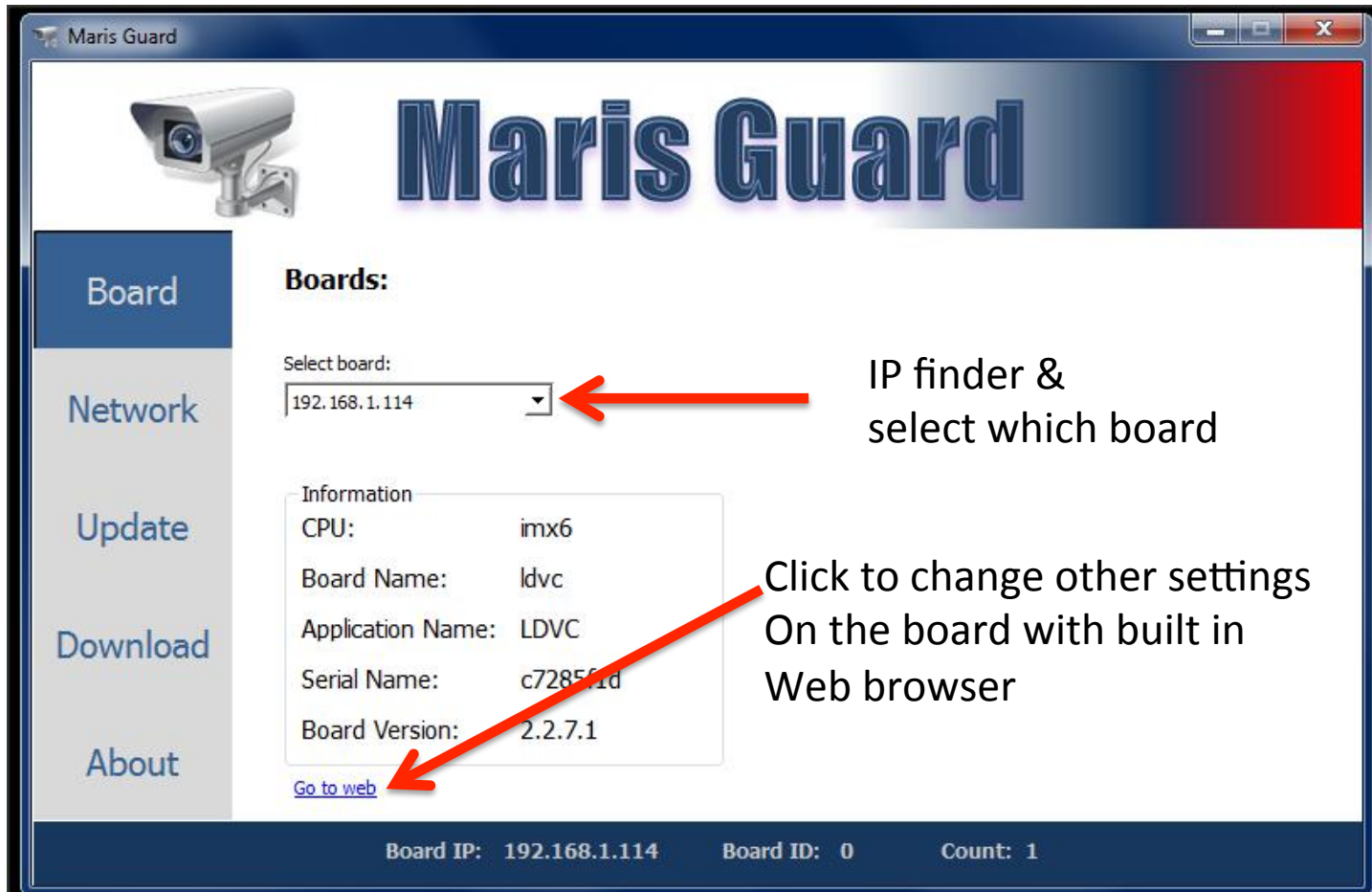


- A. Main PCB Encoder Decoder
- B. HDSDI input cable
- C. Composite input cable
- D. Power input 5-32 Volts
- E. Ethernet RJ45 connector to PCB Molex
- F. Short cable to connect on board SD card holder to main PCB
- G. Optional extension cable and SD card holder available

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 is a vertical navigation menu with buttons for Board, Network, Update, Download, and About. The main content area features a 'Boards:' section with 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

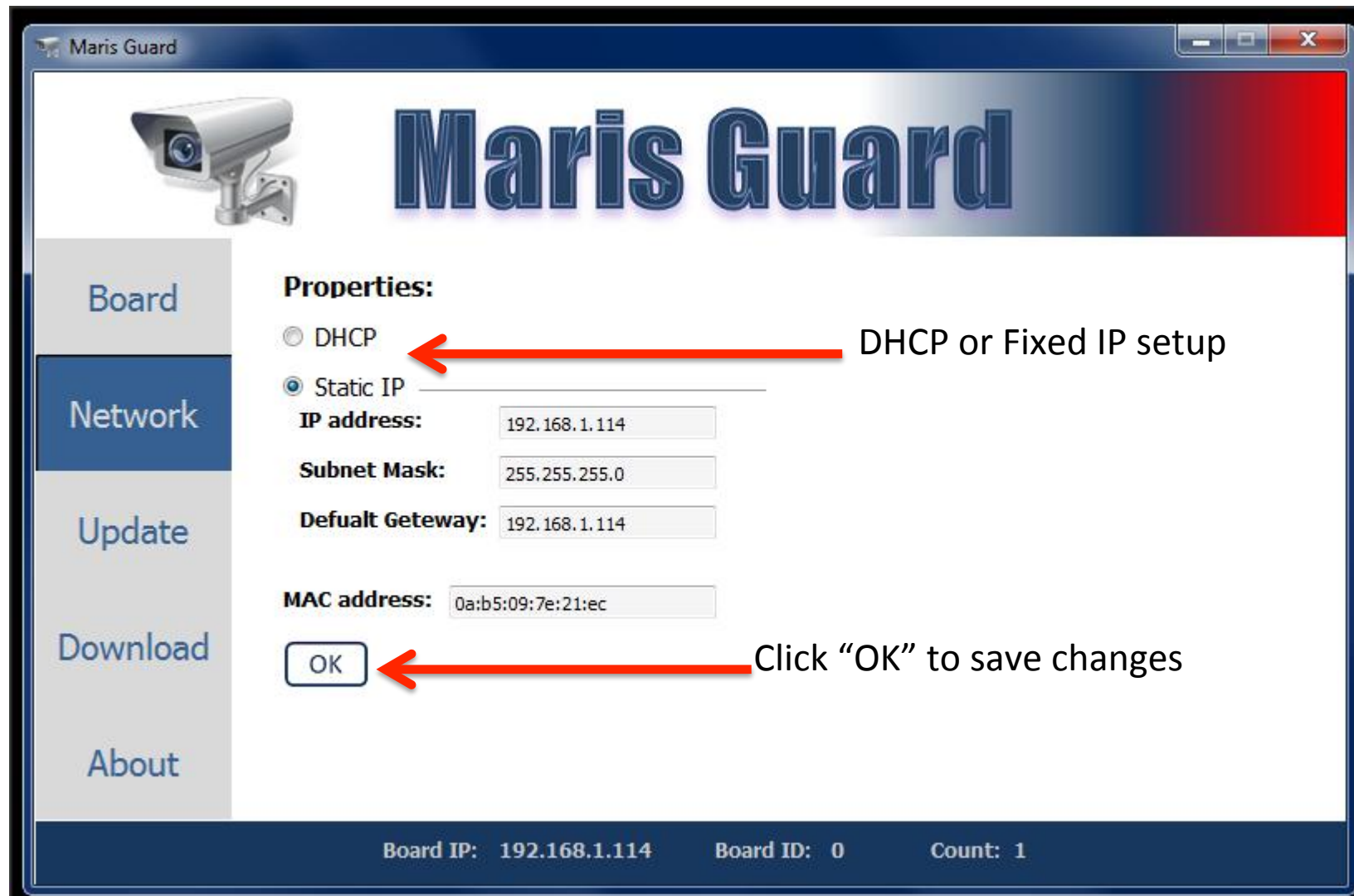
At the bottom of the information box is a 'Go to web' link. The status bar at the bottom of the window shows 'Board IP: 192.168.1.114', 'Board ID: 0', and 'Count: 1'. Two red arrows point to the 'Select board:' dropdown and the 'Go to web' link, with accompanying text explaining their functions.

IP finder & select which board

Click to change other settings On the board with built in Web browser

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 left sidebar contains navigation options: "Board", "Network" (highlighted), "Update", "Download", and "About".

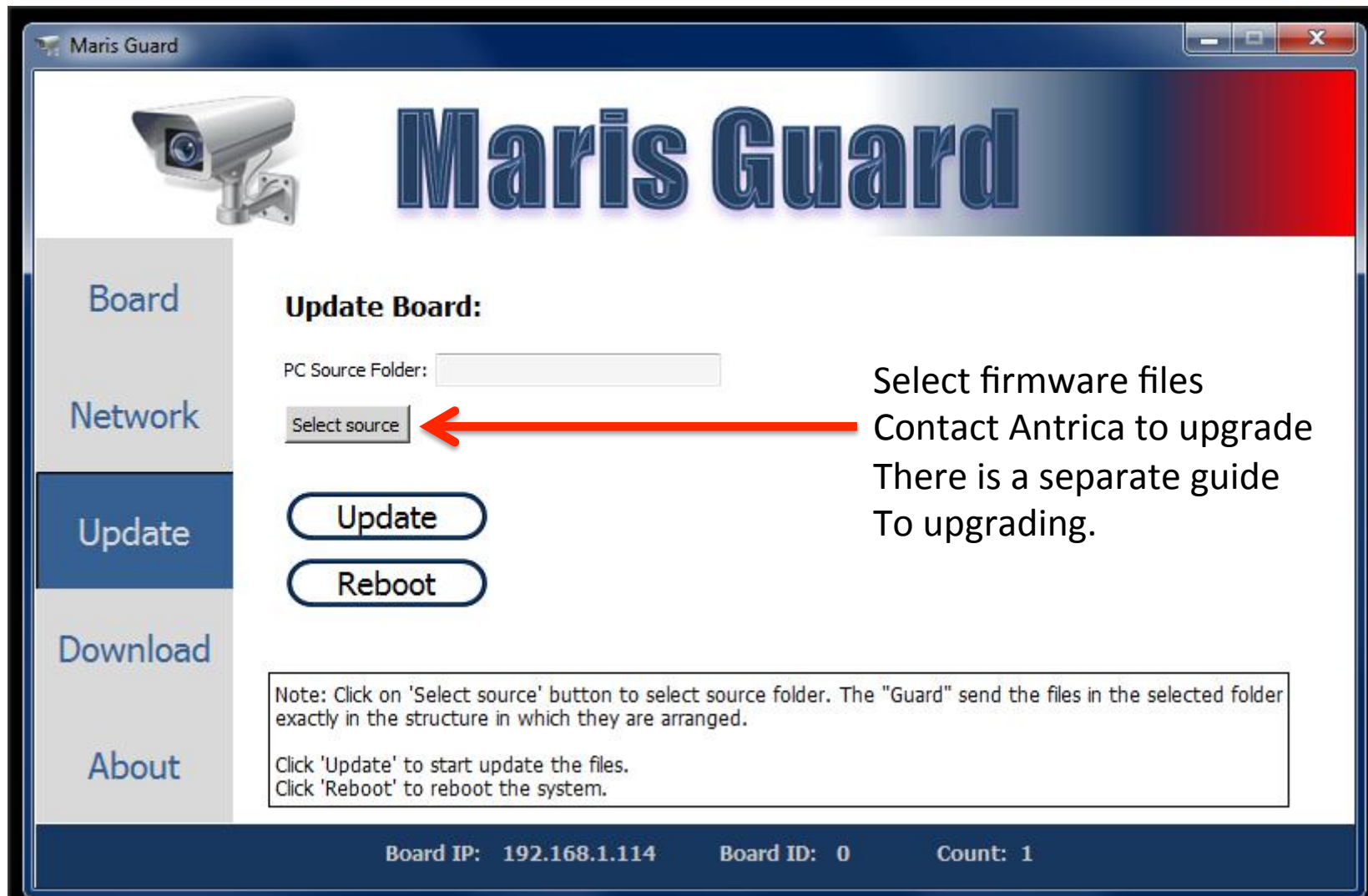
The "Properties:" section is active, showing two radio button options: "DHCP" and "Static IP". A red arrow points from the text "DHCP or Fixed IP setup" to the "Static IP" radio button. Below these options are three input fields: "IP address:" (192.168.1.114), "Subnet Mask:" (255.255.255.0), and "Default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

An "OK" button is located below the MAC address field. A red arrow points from the text "Click 'OK' to save changes" to this button.

The bottom 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. The title bar reads "Maris Guard". The main header features a camera icon and the text "Maris Guard". A left sidebar contains navigation tabs: "Board", "Network", "Update" (highlighted in blue), "Download", and "About". The main content area is titled "Update Board:" and includes 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. A text box on the right contains instructions: "Select firmware files", "Contact Antrica to upgrade", "There is a separate guide To upgrading." A note at the bottom states: "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." Below the note, it says: "Click 'Update' to start update the files." and "Click 'Reboot' to reboot the system." The footer 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.

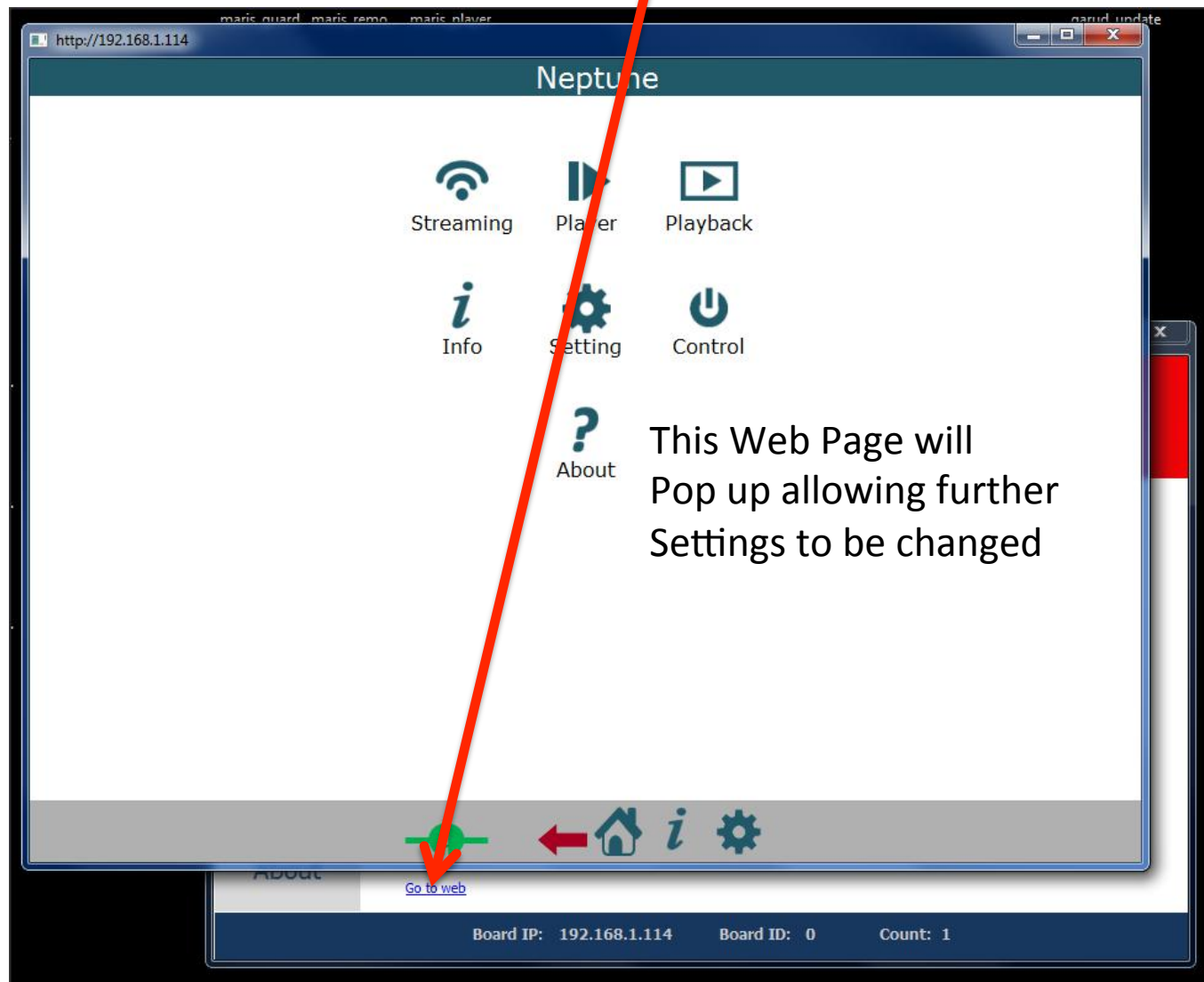
Note: Click on 'Select source' button to select source folder. The "Guard" send the files in the selected folder exactly in the structure in which they are arranged.

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

Board IP: 192.168.1.114 Board ID: 0 Count: 1

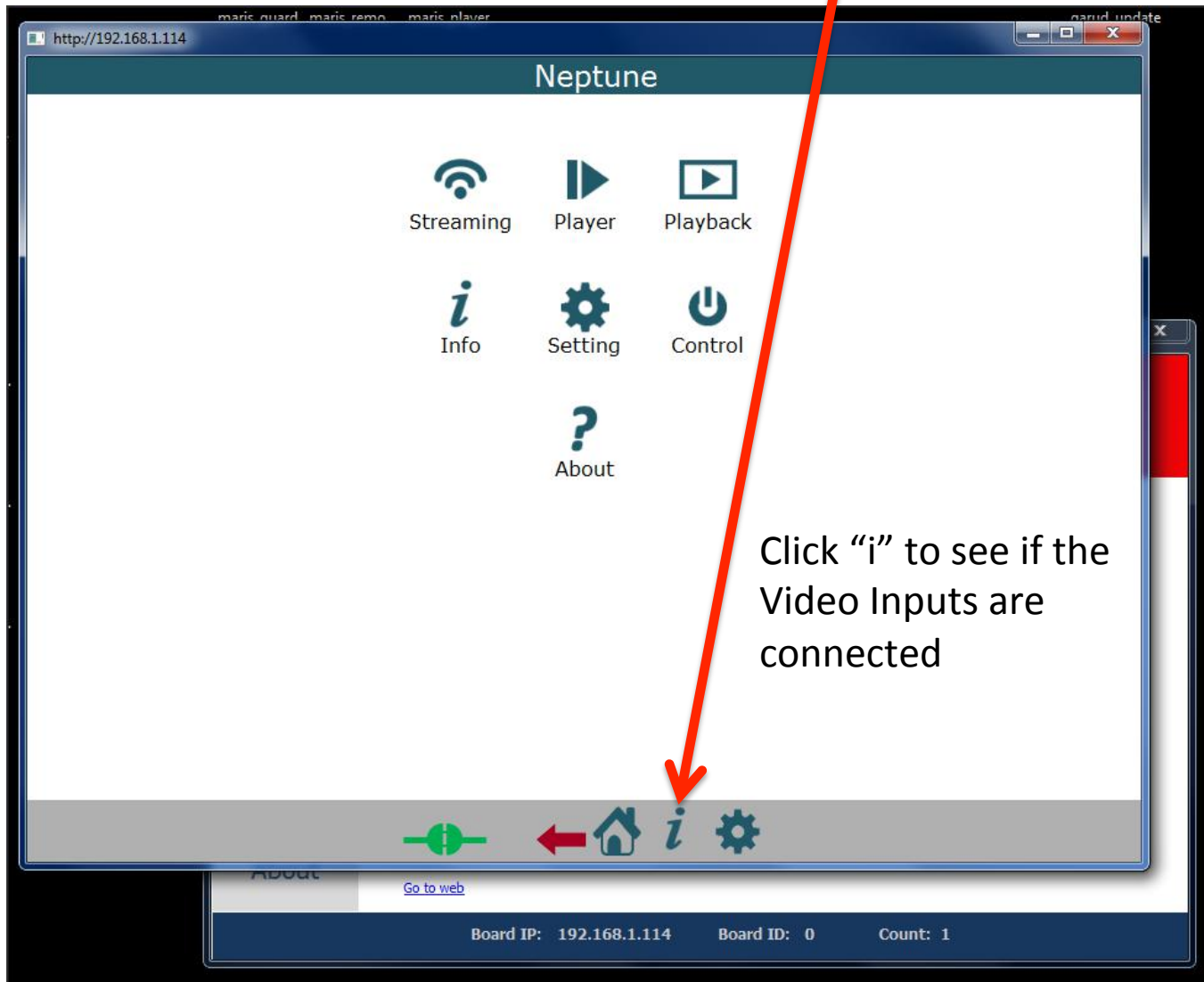
Using MARIS GUARD Software-2

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

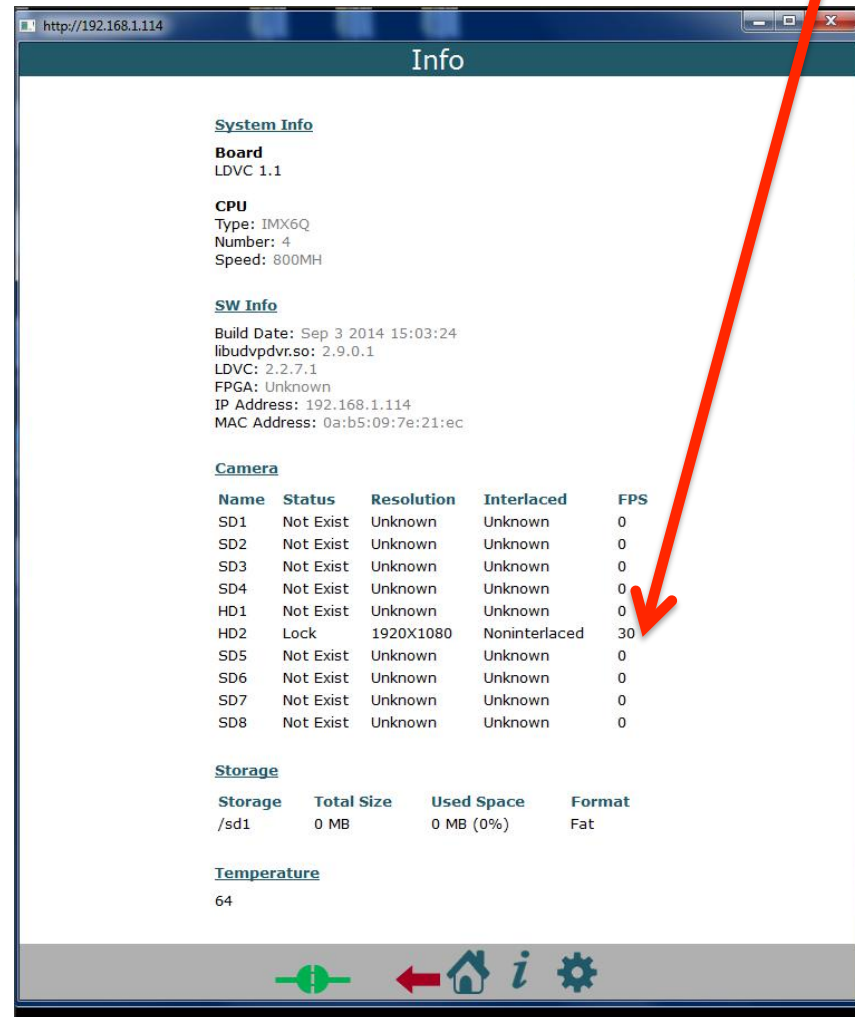


The screenshot shows a web browser window displaying the Neptune interface. The address bar shows the URL `http://192.168.1.114`. The main content area contains several icons: Streaming (Wi-Fi symbol), Player (play button), Playback (video player icon), Info (lowercase 'i'), Setting (gear), Control (power button), and About (question mark). A red arrow points from the text above to the 'Info' button in the bottom navigation bar. The bottom navigation bar also includes a green USB icon, a red back arrow, a home icon, the 'Info' button, and a gear icon. Below the navigation bar, 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

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

+44 1628 626098

Quick Start Guide