Configure LANTRONIX MatchPort b/g/ into Wlan networks.

RAVAS supplies for each weighing system with a WLAN device a TP-LINK router to make the configuration easier for you.
The intention is to discard the router when the WLAN device is configured successfully.

Step 1.
Use a stand-alone computer or notebook to connect the TP-LINK router.
The TP-LINK router is configured by RAVAS to make automatically contact with the Lantronix device.
Standard settings of the Lantronix WLAN module when it leaves our factory are:
Default network   DHCP
SSID   RAVAS (all capital characters)
Port number   10001
Security setting   none

Step 2.
Make sure the RAVAS scale with the WLAN is switched on, and close to the router.
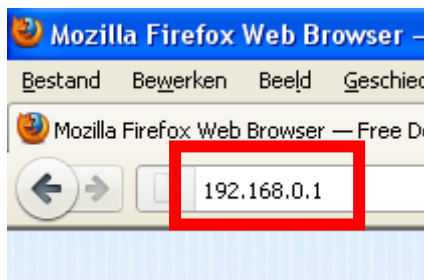Connect the TP-LINK router to your stand-alone pc. It is best to use a network cable.
Attention: **Use one of the yellow 'Ethernet' ports. Do not use the blue port 'WAN'.**

Step 3.
Open your internet browser. It is recommended to use Modzilla Firefox for the configuration.
Enter the IP address of the TP-LINK router, which is **192.168.0.1** , in the address bar of the browser.

A login window is shown.
Please log in by entering **admin** in both 'User Name', and 'Password'. Then click on 'OK'.

You are logged in on the TP-LINK router:

Go to 'DHCP > DHCP Clients List':

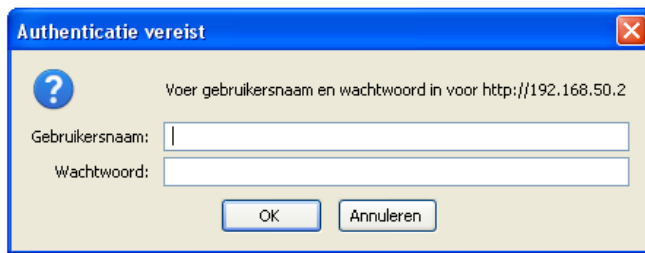A list shows the available wireless systems (see picture above).

An IP-address has been allotted to the Lantronix device. You can recognize the Lantronix WLAN by the MAC Address, which is also shown on the housing of the RAVAS scale indicator. (Also on a white label on the Lantronix device itself)

Step 4.
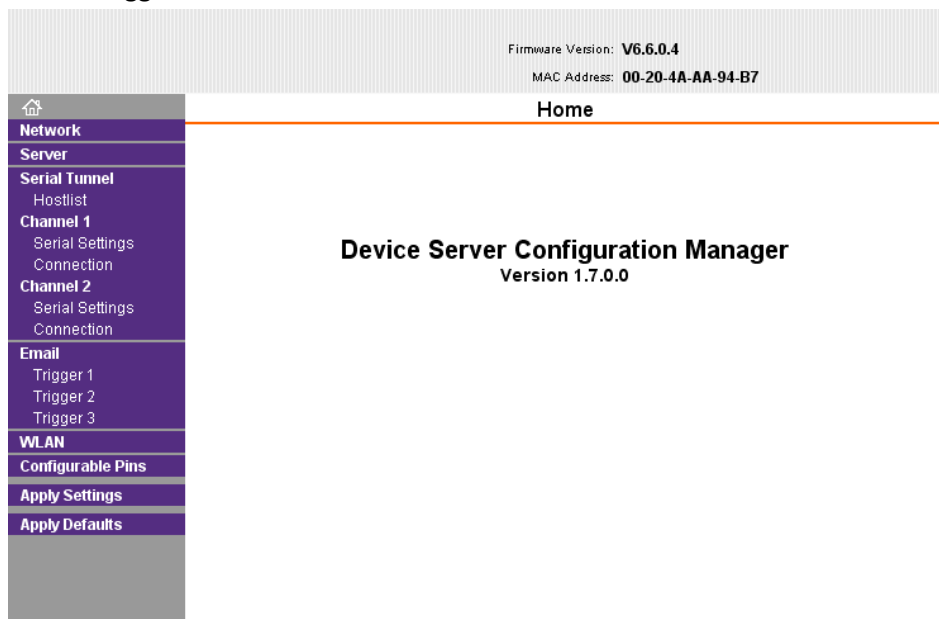Enter the IP address of the Lantronix in the browser address bar:

A login window pops up.

Leave both fields blank, just click on 'OK'.

You are logged in on the Lantronix WLAN device:

You now are able to configure the Lantronix to the settings required for your company.
RAVAS advises these actions to be made by your network administrator.

Notes:
* To save the configuration click 'OK' first, and then 'Apply Settings' on the left side of the screen.
The Lantronix module must reboot to apply the settings.

*We recommend not to change any further settings that are not mentioned in this manual.

* Channel nr is 6 as per default. When there is a bad WLAN connection please make sure that multiple routers are not interfering with each other because they are using the same channel number.
It is preferable to use channel numbers 1 – 6 – 11 they don't overlap with other channels.

* Once the Lantronix WLAN module is configured to your settings, you can discard the TP-Link router.
   The router was only provided for the configuration of the Lantronix module.