

Weighin.NET 2022

v1.5.3.0

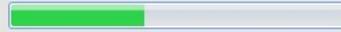


aeko *plan*
SenSoft Automation

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Weighin.NET

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Weighin.NET 2022

by SenSoft Automation

Weighin.NET is a module to register weighin result while connected to taekoPlan over the network or connected manually. It can provide detailed weight info to the TaekoPlan system.

Weighin.NET

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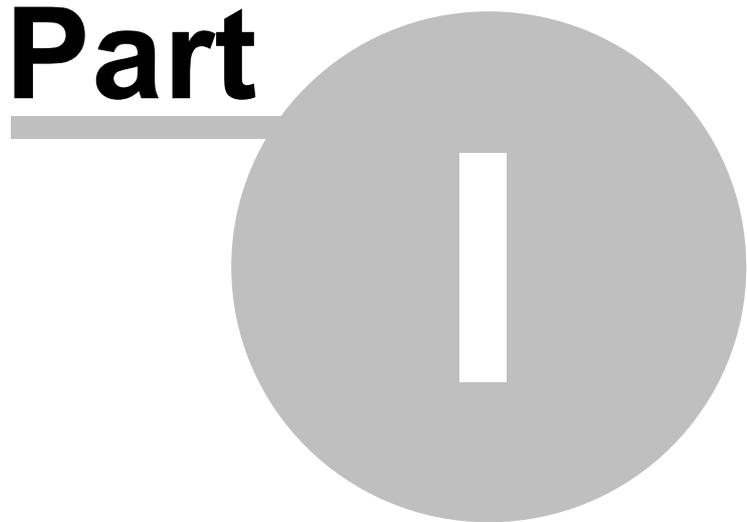
All the people who contributed to this document.

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Weighin.NET

Part



1 Introduction

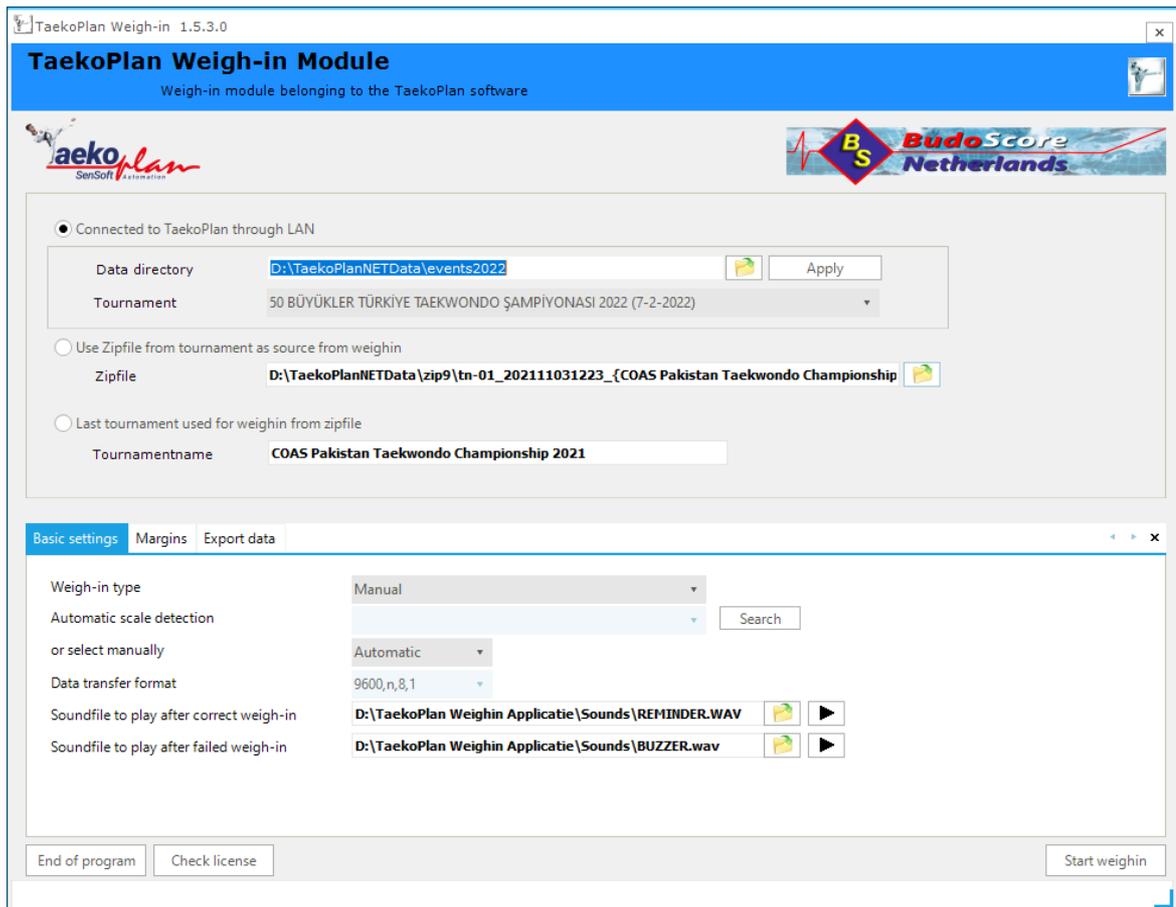
Weighin.NET is the weigh-in module to be connected to TaekoPlan or used stand-alone to allow for registration of weigh-in results.



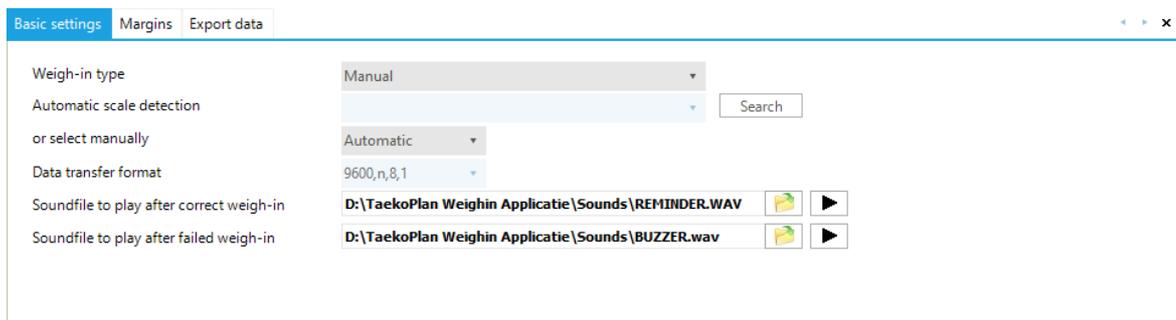
1.1 Main setup

To be able to run the Weigh-in application you need to setup the parameters required.

The main setup screen is as shown below:



There are three tabs: **Basic settings**, **Margins** and **Export data**.



The function of each tab is described in separate chapters in this manual.

1.1.1 Data source

For the weighin software to work properly, you need to provide a database source. This can be a connection to an event database, or a zipfile which can be opened for the database inside.

The screenshot shows a configuration window titled "Connected to TaekoPlan through LAN". It contains three main sections:

- Connected to TaekoPlan through LAN:** This section is selected with a radio button. It includes a "Data directory" text box containing "D:\TaekoPlanNETData\events2022" and an "Apply" button. Below it is a "Tournament" dropdown menu showing "50 BÜYÜKLER TÜRKİYE TAEKWONDO ŞAMPİYONASI 2022 (7-2-2022)".
- Use Zipfile from tournament as source from weighin:** This option is unselected. It includes a "Zipfile" text box containing "D:\TaekoPlanNETData\zip9\tn-01_202111031223_{COAS Pakistan Taekwondo Championship" and a file explorer icon.
- Last tournament used for weighin from zipfile:** This option is unselected. It includes a "Tournamentname" text box containing "COAS Pakistan Taekwondo Championship 2021".

Connected to TaekoPlan through LAN

If you select this option you need to provide a data directory where the TaekoPlan databases are located.

Click on **Apply** to validate the directory.

After that the Tournament dropdown is filled with the available events. Select the active one from the list.

Use Zipfile from tournament as source for weighin

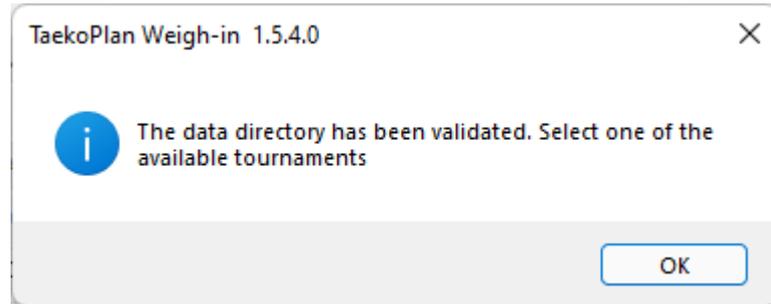
if you use this option you need to search for a zipfile for the event you are running. When selected you can click on **Start weighin** after you have set the additional parameters.

Last tournament used for weighin from zipfile

This is the last event used for weighin. if you want to continue using this, just select this option.

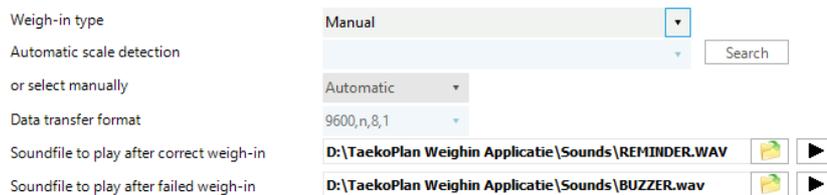
Note: The first option provides you full linking with the database of the event. The other two need to provide an export to be imported in TaekoPlan.

If the connection over the network has succeeded and you can access the data folder you get a notification:



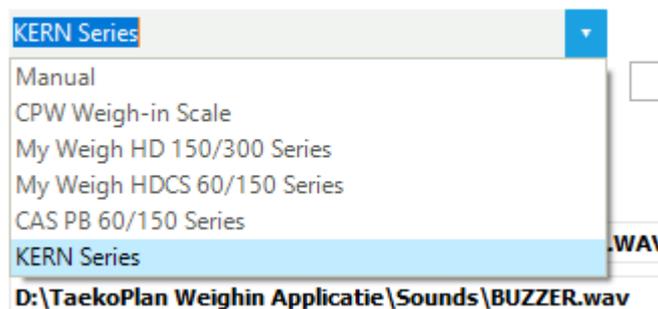
1.1.2 Basic settings

The basic settings are the settings required for connecting a weigh scale. The weigh-in program can work with or without scale connection.



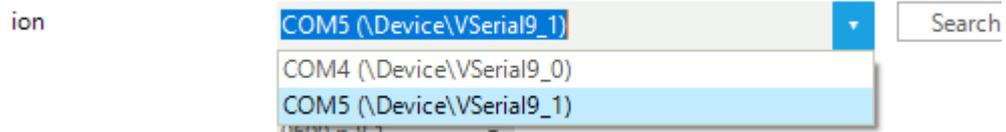
Weigh-in type

This is the connection to a weigh-in scale. You can currently select any of the scales shown in the list:



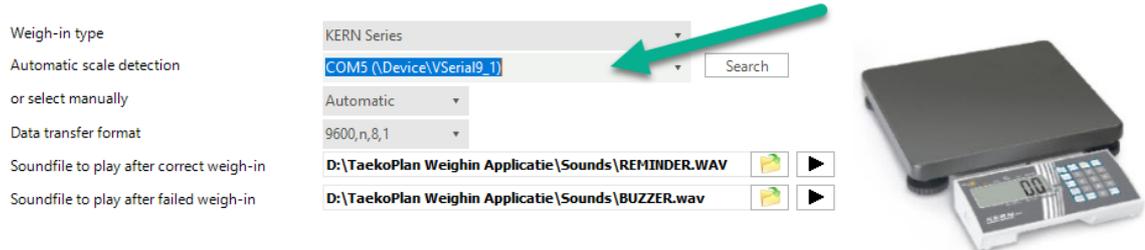
Automatic scale detection

This will show a list of available virtual serial ports connected to USB.



The system will be able to find the correct adapter. if not you can select it manually

If it finds a serial adapter, it will show like:



The adapter will be automatically found and connection will be made.

Or select manually

Manually actually means that you are going to enter the weights by hand.

Data transfer format

This is the data transfer format used for communication. Leave it as default.

Soundfile to play after correct weigh-in

This is the WAV file to be played when the weigh-in is correct within range.

Soundfile to play after failed weigh-in

This is the WAV file to be played when the weigh-in is not correct within range.

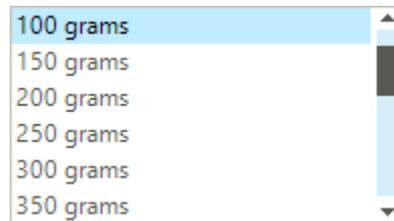
1.1.3 Margins

The margins for the weigh-in can be set on this tab.

Accepted margin for overweight	100 grams
No weight entry required to accept	No
Auto-accept after corre...	No
Correction for weighin scale in grams	0
Select type of weighin	Normal
Provide margin percentage	5
Disallow any margin for Seniors	Yes
Official margin by WT	90

Accepted margin for overweight

This is the margin allowed to be above the upper weightclass limit. It can be set in a range from 0 upto 1000 grams.



A dropdown menu showing a list of weight values in grams. The values are 100 grams, 150 grams, 200 grams, 250 grams, 300 grams, and 350 grams. The 100 grams option is currently selected and highlighted in blue.

No weight entry required to accept

if you want to use the scale without entering the weights, you can set this option to **Yes**. It will allow you to just enter the accept button and approve the weight.

Auto-accept after correct weighin

After a correct weigh-in result the system can automatically accept the weighin. This speeds up the process as you do not have to click the **Accept** button yourself.

Correction for weigh-in scale in grams

This is the correction factor when a scale is not providing the correct/expected weight. It might need to be recalibrated but in the meantime it can be used as this correction will be done on the final result.

Select type of weigh-in

This is either **Normal** or **Random**.

Normal is just the regular weighin with the allowed margin.

Random is the weigh-in done early in the morning with the special extra margin of xx% above the weight.

The xx is defened by

Provide margin percentage

This is the margin setting for the random weigh-in. Default is 5%.

Disallow any margin for Seniors

By setting this to **Yes**, you do not allow any margin for Seniors. Otherwise the margin set in ' Accepted margin for overweight' will be used.

Official margin by World Taekwondo

This is the margin additional to the normal margin to be allowed.

1.1.4 Export data

The export function is used when you selected to use a zipfile or the last event used in the main setup.

Here you can export the weighin data in XML format to be read in TaekoPlan.
The data is from the date selected and for the gender selected during weighin.

Select the date for export

Select the gender for this weighin

Export data

Select the date for export

This is the date compared to the date for the weigh-in changes.
You can select today, but also any other date if required.

Select the gender for this weigh-in

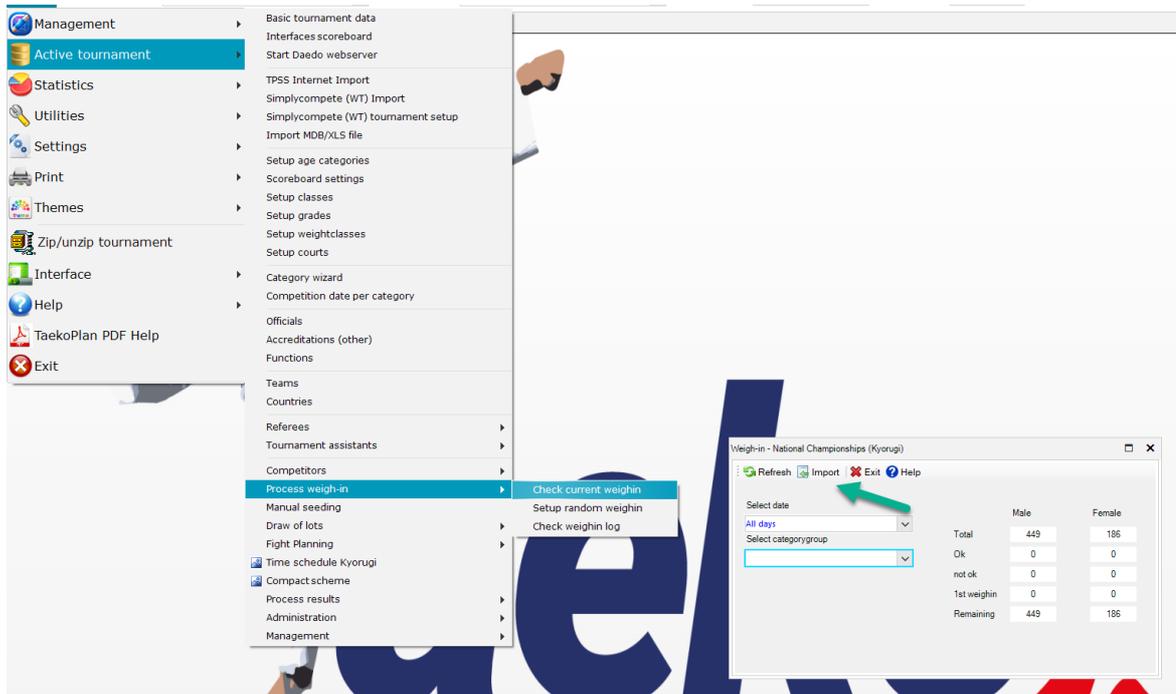
This is the gender (male or female) to be used for export.

Export data

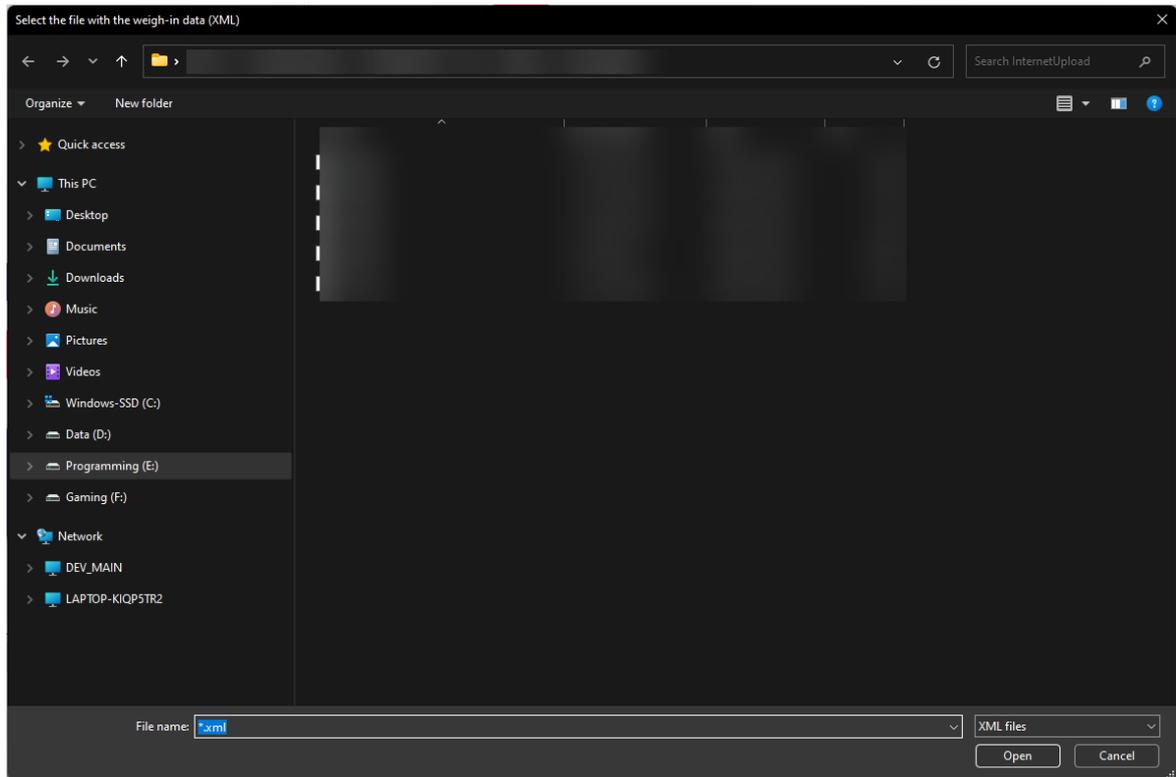
Click this button for exporting the data.

An XML file will be created which can be stored in a selected folder.

How to proceed in TaekoPlan? Select **Check current weighin** from the menu.



Select the **Import** menu option.



You should see 'Weighin_Male_YYYYMMDD' and 'Weighin_Female_YYYYMMDD' files. Select them and the import will start. All results will be processed in TaekoPlan. Use this option **ONLY** when you are doing the weighin stand-alone.

1.2 Weigh-in screen

The weigh-in screen is the screen where the operator is actually running the weigh-in.

Normal weighin

EXIT Clear screen Weigh-in for ID nr. ACCEPT

Additional info

Gender (M/F) male
 Dangrade
 Weight in kg.
 Age category
 Weightclass
 Class
 Random allowed weight in kg

Details competitor

Surname
 Initials
 Firstname
 Birthdate
 Nationality
 Teamno.
 Team
 City

Categories info

Participating In
 Fightdate
 No. of competitors
 Weight not ok
 No show yet

Weighin results

1st weigh-in	2nd weigh-in	Weight ok

(Over)weight

Competitor been at weigh-in on

Weight from scale / manual entry

Weight

0,00

Numbers

	Amount	Ok	Not Ok	1st Wghn	Remaining
All days Male:	516	444	0	0	72
Category group Female:	482	437	0	0	45
All groups (total)					

Note for competition management / weigh-in

BudoScore Netherlands 9th Turkish Open 2022

To start the weigh-in, first select the gender from the pulldown box **Weigh-in for**. You can select either **Male** or **Female**.

After selection is made, you can type the TaekoPlan ID in the box or scan the barcode on the accreditation.

When the competitor is available for this weighin (based on status and gender), the data will be shown.

Normal weighin

Clear screen Weigh-in for: male ID nr. 40 ACCEPT

Picture

Details competitor

Surname: **SEKIDON**
 Initials:
 Firstname: **Denker**
 Birthdate: **20-12-1992**
 Nationality: **NLD**
 Teamno.: **261000**
 Team: **PORTECA KONGOLA (CRG)**
 City:


Additional info

Gender (M/F): male
 Dangrade: **Not specified**
 Gewicht in Kg.: **87**
 Age category: Seniors (1986-2003)
 Weightclass: Seniors -87 Kg (Senior Men -87 kg)
 Class: A

Category info

Participating in: **Sen Male -87**
 Fightdate: **13-2-2022**
 No. of competitors: **29**
 Weight not ok: **0**
 No show yet: **24**

weighin results

1st weigh-in	2nd weigh-in	Weight Ok

Competitor been at weigh-in on: 12-02-2022 at 19:25

Weight

0,00

Tolerance: 0 kg

Numbers

	Amount	Ok	Not Ok	1st Wghn	Remaining
Male:	516	444	0	0	72
Female:	482	437	0	0	45

Category group

Note for competition management / weigh-in

 **9th Turkish Open 2022**

The weightclass box shows you info on the expected weight for this competitor:

Additional info

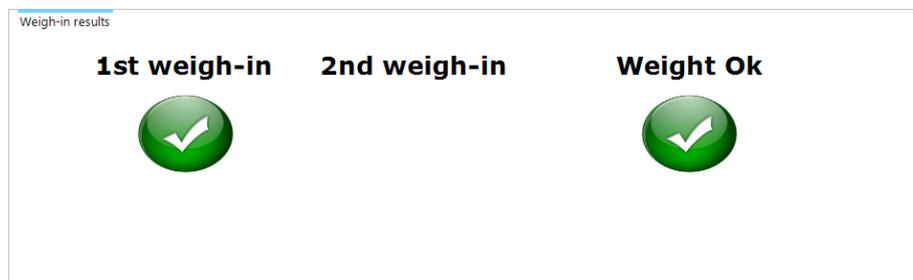
Gender (M/F): male
 Dangrade: **Not specified**
 Gewicht in Kg.: **87**
 Age category: Seniors (1986-2003)
 Weightclass: Seniors -87 Kg (Senior Men -87 kg)
 Class: A

If you are not connected to a scale, you can type the weight manually and click on **Accept**.



If connected, the weight will show after the scale reached a stable status.
Click on **Accept** to continue.

If your weigh-in is ok, the first or second weight icon will turn into an OK picture.



If not ok, it will become a red cross.



You will also see the overweight based on the margins set.

1.2.1 Status weigh-in

You can see the status of the current weigh-in:

Numbers		Amount	Ok	Not Ok	1st Wghn	Remaining
13-2-2022	Male:	268	213	0	0	55
Category group		Female:	0	0	0	0
Cadets/Juniors/Seniors						

This shows you the number of weigh-in's to be done, the ok's and not ok's. Also the number of competitors remaining.

1.3 Competitor info screen

The competitor who is at the weigh-in can see his result on the second monitor (if provided):

ID	44	Surname	[Redacted]		
	Firstname	[Redacted]			
	Birthdate	[Redacted]			
	Nationality	[Redacted]			
	Teamno.	[Redacted]			
	Team	[Redacted]			
	Age category	Seniors (1986-2003)	Class	A	
	Weightclass	Senior -67 kg (Senior Women -67 kg)	Dangrade	Not specified	
1st weighin		2nd weighin		Weight ok	
					
				Weight	
				0,09 kg	
				66,90	

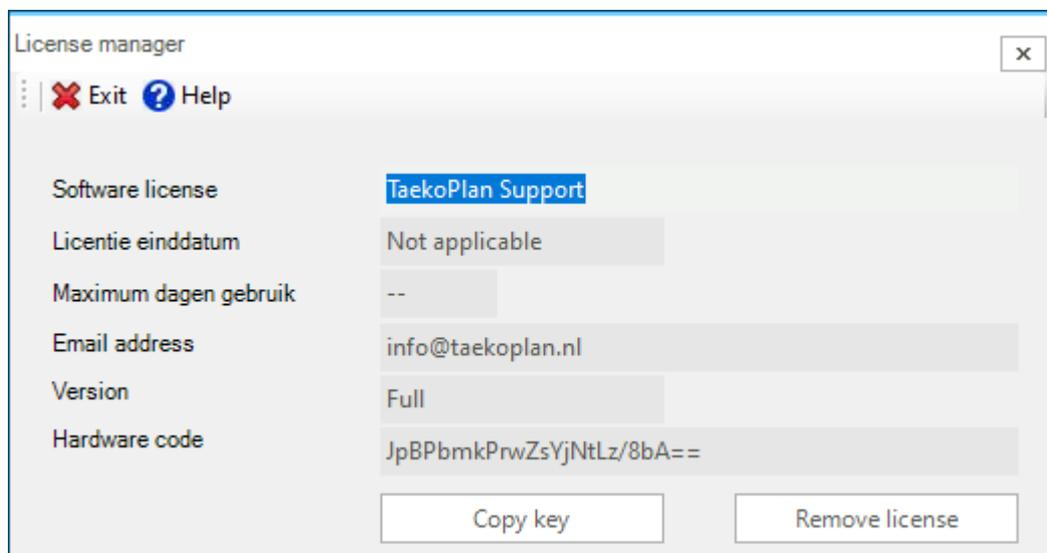
This screen will be resized based on the resolution of the second monitor. If you do not have a second monitor available, this screen will not be visible.

It shows the same status as the operator screen, so all details and also the outcome of the weigh-in.

1.4 License

For each used copy of the weigh-in program you need a license.

You can check the license in the license manager.



It shows you the information about the license.

You can also remove the license if you want to transfer it to another computer.

The **Copy key** will give you the hardware code in the clipboard.