

SAM BalanceLab 2 and BalanceLab 3 setup guide for launch monitor add-on

General information

FlightScope

TrackMan

Foresight GC2



a) General information

The Add-On package for launch monitor integration will allow the BalanceLab 2 / 3 software to connect to several Trackman, Flightscope and Foresight GC2 launch monitor models.

The Add-On will only be available in the BalanceLab Pro software edition.



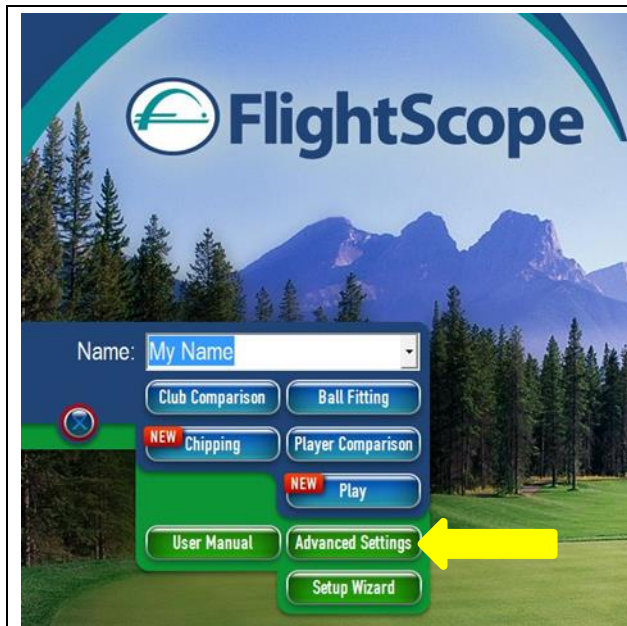
If you do not have the Pro edition please contact Science & Motion Sports.

If the launch monitor system is connected to BalanceLab software launch data will be transferred for each swing and displayed in the BalanceLab recording and replay screen as a data table.

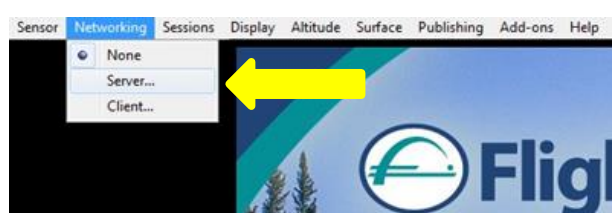
If a swing is recorded by BalanceLab and launch data for this swing is transferred in parallel, the data will be stored into local database of BalanceLab.

The data will then be available when the record is opened in replay.

b) FlightScope settings

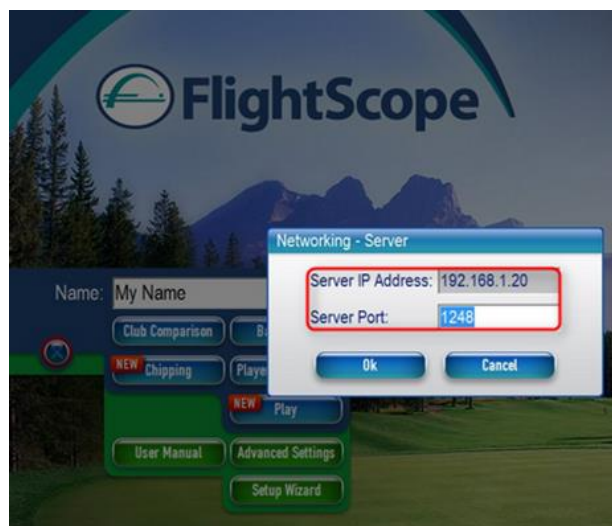


1. Start the FlightScope software.
2. Click the “Advanced Settings” button in the main menu.



☞ The menu bar appears.

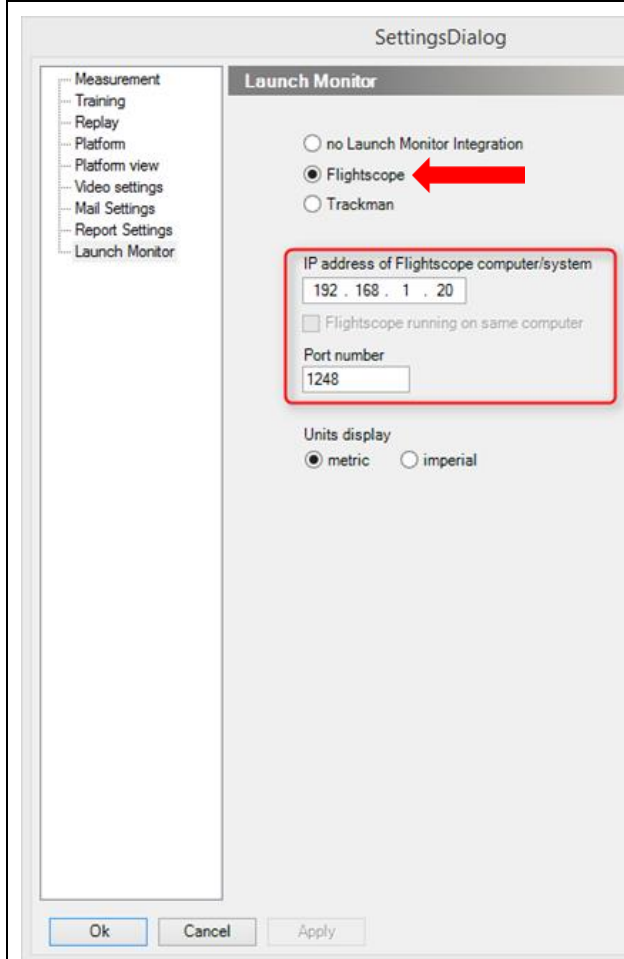
3. Click on „Networking“, and then choose “Server”.



4. Note down the “Server IP Address”.
In this case 192.168.1.20
5. Verify that the “Server Port” is set to 1248 and press “OK”.




6. Go back to Player Comparison or similar mode in FlightScope.
7. Make sure that FlightScope is tracking and displaying shots.

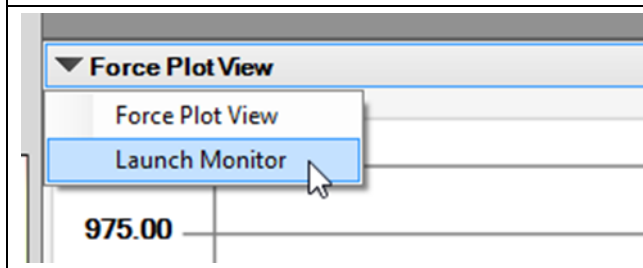


Start SAM BalanceLab 2 / 3 and keep FlightScope running in the background.

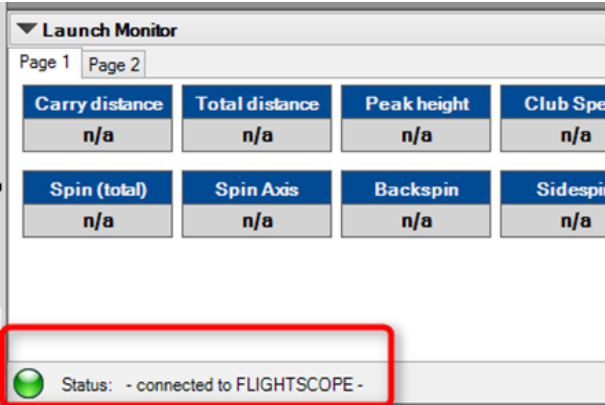
8. Start the SAM BalanceLab 2 / 3 software.
9. Open the "Settings dialog".
10. Open the "Launch Monitor" tab and click on Flightscope.
11. Enter the FlightScope IP address (see point 4)

 Check that the port number is the same as the one you have noted down before (default is port 1248).

12. Select if you want to use metric or imperial values.
13. Press "OK" to finish the setup.



14. Close the settings and start a measurement in the BalanceLab software.
15. In the pressure curve data window select the "Launch Monitor" view.



The screenshot shows the 'Launch Monitor' interface. At the top, there are two tabs: 'Page 1' and 'Page 2'. Below the tabs is a table with two rows of metrics. The first row contains 'Carry distance', 'Total distance', 'Peak height', and 'Club Spe'. The second row contains 'Spin (total)', 'Spin Axis', 'Backspin', and 'Sidespin'. All values in the table are 'n/a'. Below the table is a status bar with a green circle icon and the text 'Status: - connected to FLIGHTSCOPE -'. The status bar is highlighted with a red rectangle.

Carry distance	Total distance	Peak height	Club Spe
n/a	n/a	n/a	n/a
Spin (total)	Spin Axis	Backspin	Sidespin
n/a	n/a	n/a	n/a

Status: - connected to FLIGHTSCOPE -

☞ In the Launch Monitor View the status should be green and say: “connected to FLIGHTSCOPE”

If you now do a swing that is detected by the launch monitor system the data will be automatically be transferred to the BalanceLab software and the result numbers are displayed in the table view.

If the swing is also recorded and saved by BalanceLab the data will be saved to this data record and can be recalled in Replay and Report.



If you are still not successful with the launch monitor integration, contact us under: support@scienceandmotion.com

c) TrackMan settings

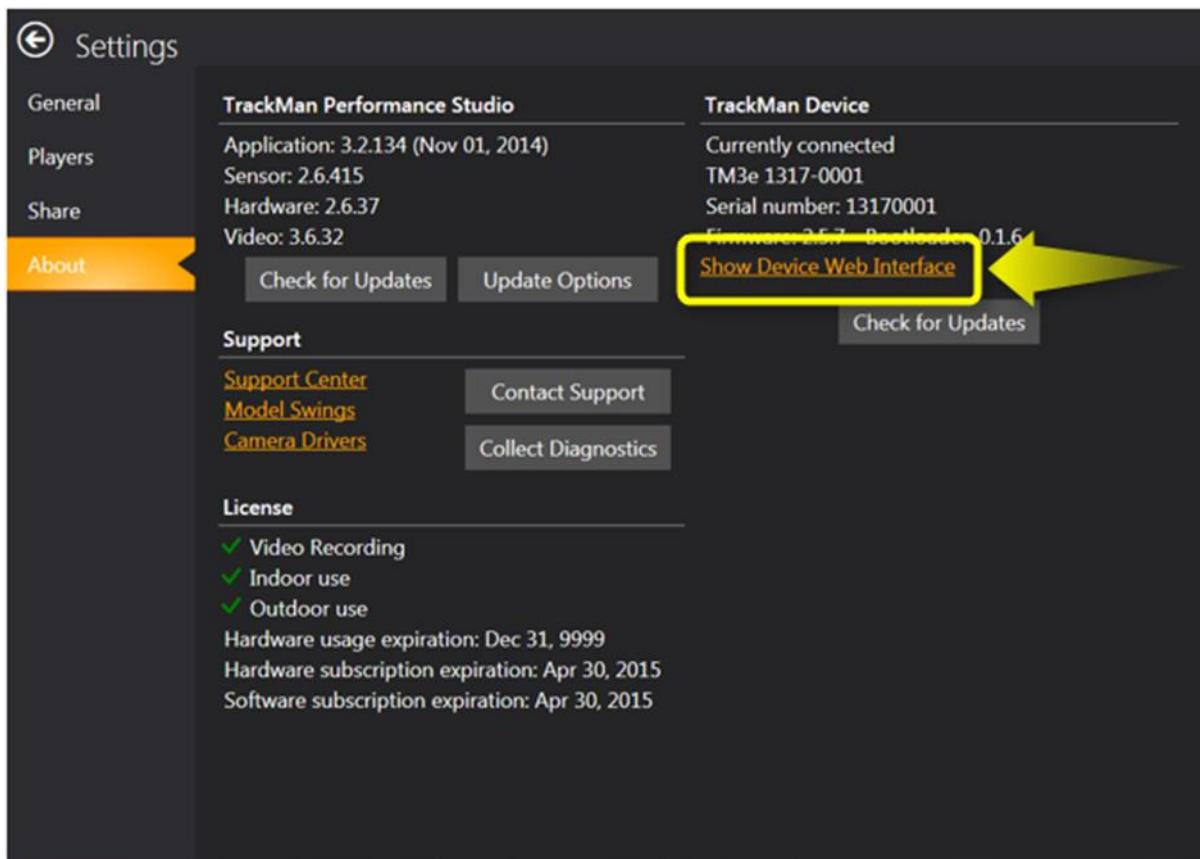


This manual refers on settings for TM3e.

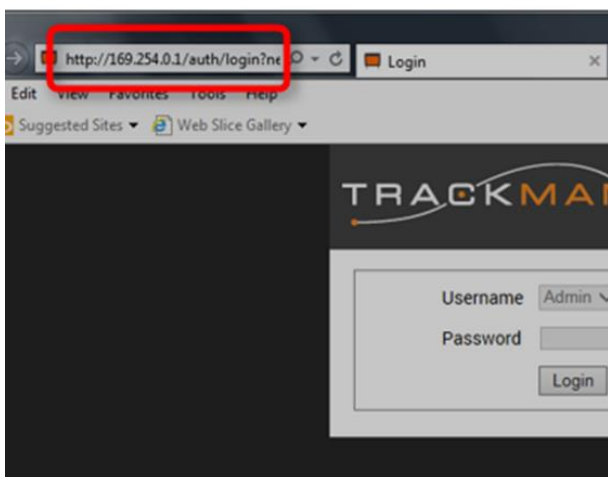


1. Start the TrackMan software and open the settings.

☞ You should see a page similar to the following:



2. Select the "About" page.
3. Press the link "Show Device Web Interface".

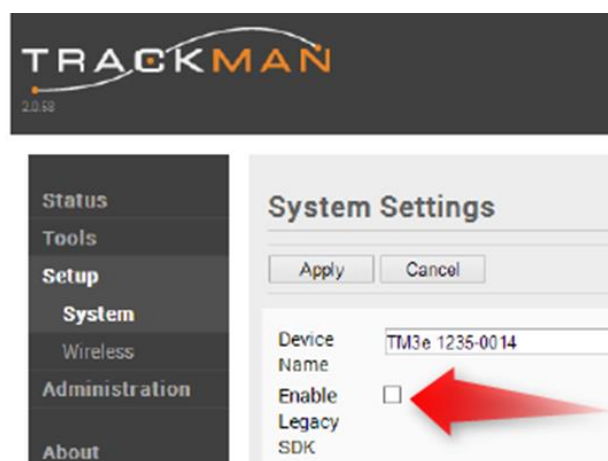


4. In the Device Website copy or write down the device IP address:

☞ You find the device address in the browser address line. In this case the IP number is: 169.254.0.1



You need this number for input in the SAM BalanceLab settings later.

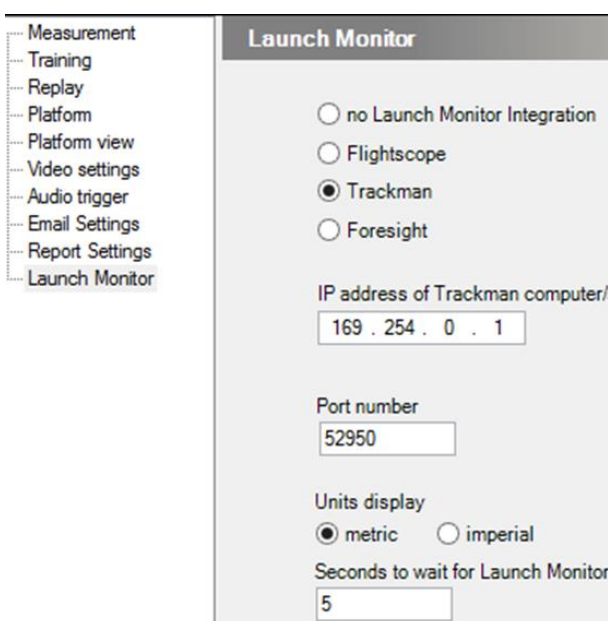


To enable third party applications to connect to TrackMan the SDK must be enabled in the TrackMan settings.

You can set the SDK in the Web Interface show above. Login to the website and go to the "Setup" page.



Be sure to have the box checked to enable the SDK.



5. Start the SAM BalanceLab 2 / 3 software.

6. Open the "Settings dialog".

7. Open the "Launch Monitor" tab.

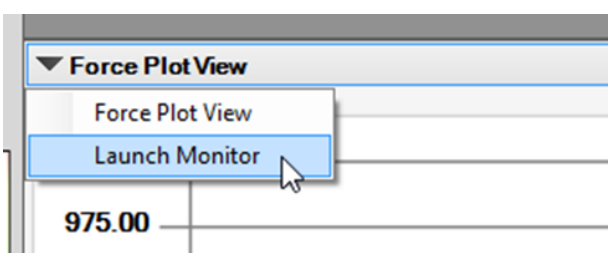
8. Click on Trackman.

9. Enter the IP address you have copied or written down from the browser address line (see point 4).

10. Leave the port number as 52950.

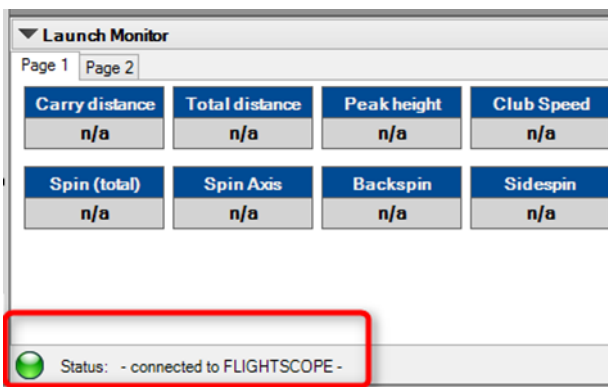
11. Select if you want to use metric or imperial values.

12. Press "OK" to finish setup.



13. Close the settings and start a measurement in the BalanceLab software.

14. In the pressure curve data window select the "Launch Monitor" view.



☞ In the Launch Monitor View the Status should be green and say: connected to Trackman.

If you now do a swing that is detected by the launch monitor system the data will be automatically be transferred to the BalanceLab software and the result numbers are displayed in the table view.

If the swing is also recorded and saved by BalanceLab the data will be saved to this data record and can be recalled in Replay and Report.



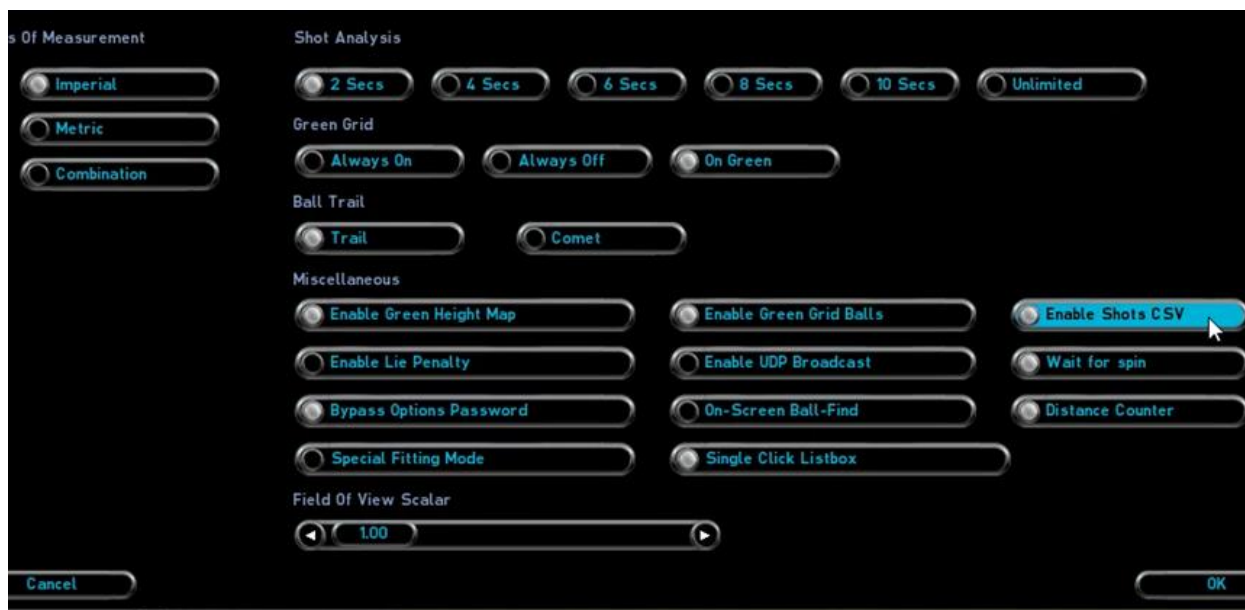
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d) Foresight settings

1. Press the Game button to go to the Game settings.



2. In the Game settings activate the checkbox "Enable Shot CSV":



Settings

- Measurement
- Recording
- Hit Detection
- Replay
- Platform
- Platform View
- Camera Settings
- Email Settings
- Report Settings
- Launch Monitor

Launch Monitor

no Launch Monitor Integration

Flightscope

Trackman

Foresight API Foresight CSV file

Location of Foresight CSV files:

C:\Program Files (x86)\Foresight\System ...

Display units: metric imperial

Seconds to wait for Launch Monitor impact event:

5

Ok Cancel Apply

3. Start the SAM BalanceLab 2 / 3 software.
4. Open the "Settings dialog".
5. Open the "Launch Monitor" tab.
6. Click on Foresight CSV file.
7. Select if you want to use metric or imperial values.
8. Press "OK" to finish setup.



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