

# Product Manual

omiReflex Mobile V3

Installation, setup, maintenance and support



**omiReflex**  
*mobile*



Thank you for purchasing this OM Interactive LTD product.  
Before operating this system, please read these instructions carefully  
and retain for future reference.

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Read this first

## Safety information

	The lightning flash with arrow head within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

## Class B emissions limits

This Class B digital projector inside this unit meets all requirements of the Canadian Interference-Causing Equipment Regulations.

## Important safety instruction main unit

1. No user serviceable parts inside.
2. Do not disassemble or attempt to service this unit refer to qualified, trained personnel, your local Distributer / Reseller or OM Interactive Ltd only.
3. This is not a Children's product and is not intended to be operated by anyone below the age of 18 or anyone who has not had the training to do so.
4. Do not cover the product while in use only use the supplied vinyl protective cover when the unit has been turned off and allowed to cool down for at least 5 minutes and the mains supply cable removed and stored safely in the pocket at the rear of the unit.
5. Do not block any ventilation openings. To ensure reliable operation of the projector and to protect the system from overheating, it is recommended to use the appliance in a location that does not block ventilation. As an example, do not use the appliance next to walls, curtains or drapes that may block or obscure the systems exhausts or air intakes.
6. Do not place any items on the top of the unit.
7. Do not use the appliance near water or moisture. To reduce the risk of fire and/or electric shock, do not expose the device to rain or moisture.
8. Do not operate near heat sources such as radiators, heaters, stoves or any other apparatus such as amplifiers that emits heat.
9. Clean only with dry cloth.
10. Only use attachments/accessories specified by the manufacturer.

11. Do not use the unit if it has been physically damaged or abused. Physical damage/abuse would be (but not limited to):
  - Unit has been dropped.
  - Power supply cord or plug has been damaged.
  - Liquid has been spilled on to the appliance.
  - Appliance has been exposed to rain or moisture.
  - Something has fallen in the appliance or something is loose inside.
12. Do not let objects or liquids enter the appliance. They may touch dangerous voltage points and short out parts that could result in fire or electric shock.
13. Ensure that the mains supply cable does not present a trip hazard while the system is in use.
15. Once the unit is in the position where you wish to use it please lock the casters.



# Unpacking your new omiReflex Mobile

1



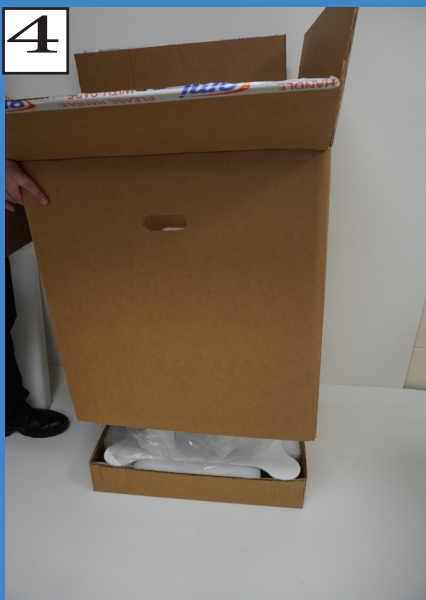
2



3



4



5



6



7



8



9



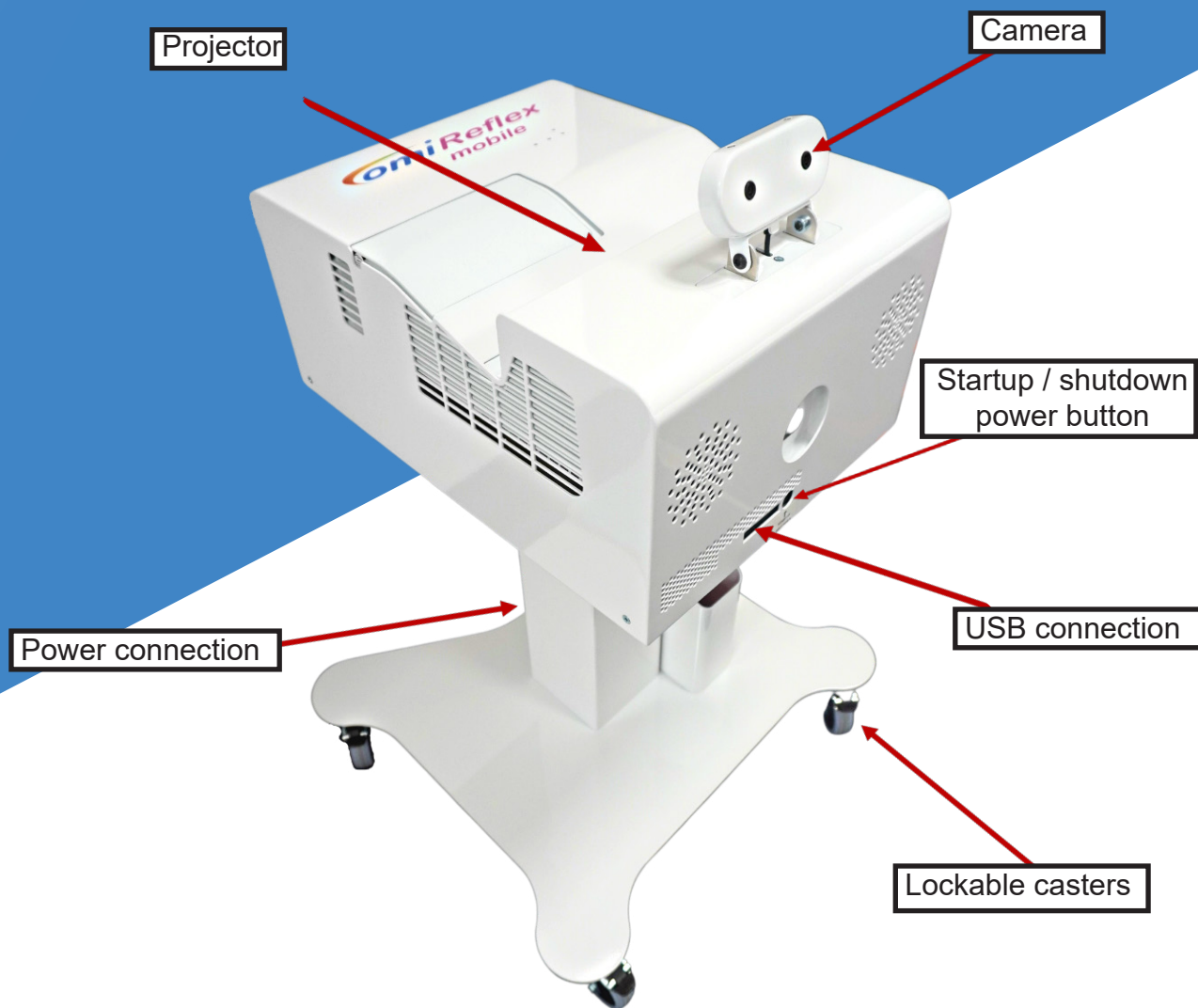




# Product Overview

The omiVista Reflex Mobile unit is portable and has been designed to provide interactive projection onto a wall that should be light in colour. Please refer to the user manual provided for more details of how on use the unit in your setting or scenario.

The finish on the unit exterior has an anti-bacterial coating.

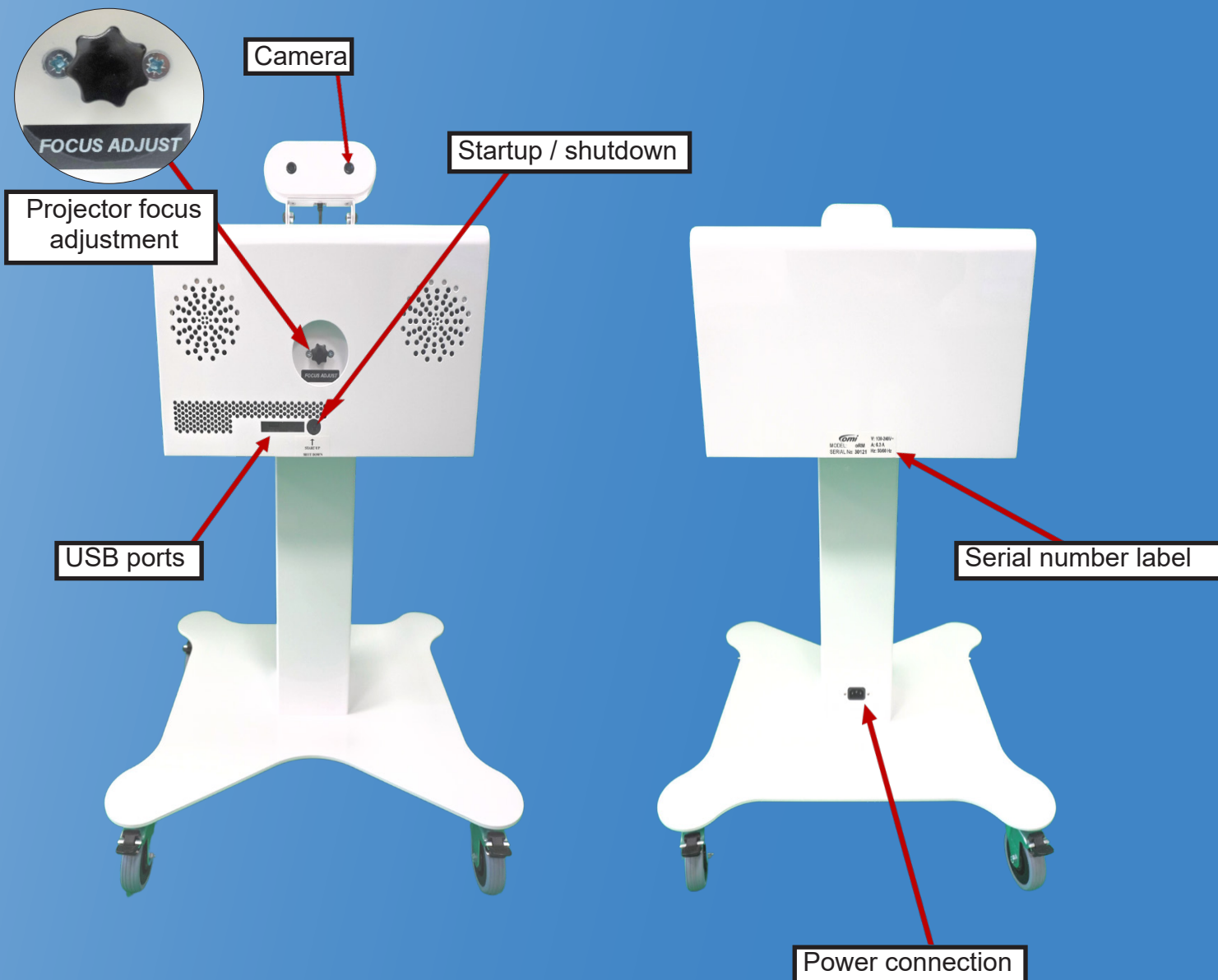


## Included with the system:

- Product Manual
- User Manual
- Wireless keyboard
- Wireless remote control
- Power cable
- Vinyl cover

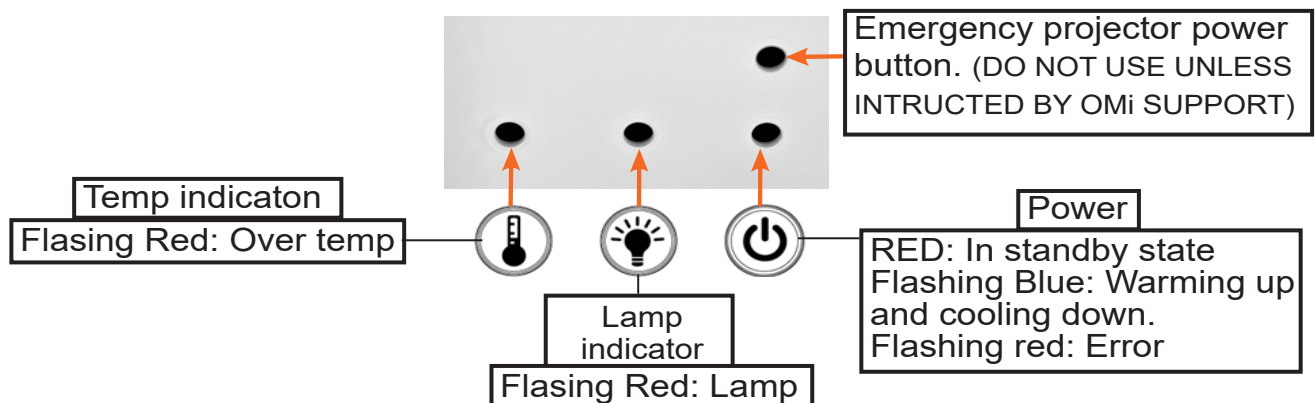


# Getting familiar with the omiReflex Mobile's controls:



## Projector Status Lights

The projector is turned on automatically when the omiReflex system starts up. These lights and buttons are for indication of projector status only and must not be used to turn the projector or system ON or OFF or change the projector settings in any way.





# System Control

## Wireless remote control

To turn the system On use the two buttons located on the top of the remote control. Press and hold the left button, and then press the right button while still holding the left button down. Let go of both buttons.

Use UP, DOWN, LEFT and RIGHT arrows on the wireless remote control to navigate the main menu and the ok button to select or stop an application or to select the Auto-play feature where available.

Use the + and - buttons to control the sound



Use the interactivity stop button.

To block interactivity or put the system into standby mode from the menu screen.

See user manual for more details.

## Wireless keyboard

The wireless keyboard is only intended to be used for commissioning, maintenance and setup of the system by installation engineers or administrative personnel. The keyboard should be stored away securely from the unit by the personnel when required and turned off while not in use, or batteries removed for long-term storage.

Left click mouse button

Keyboard power ON / OFF

Mouse pad with left and right buttons.



## USB Receiver

The remote control and keyboard are linked and paired to a small USB receiver that is located within the omiReflex system. Should you need to replace either the remote control or the keyboard, you will need to use the Logitech "unifying" software installation on the PC to pair the replacement device.



# Getting Started

## Startup

Ensure unit is adjacent to a clear wall surface and the casters have been locked, then plug in the IEC power cable.

To turn the system ON

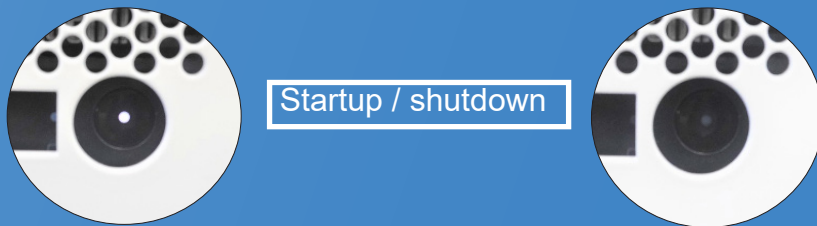
- Either press once briefly the Start-up / Shutdown button located on the front panel of the unit.
- Or press and hold the left button and press the right button on the wireless remote control.

After approximately 30 seconds, the image will appear on the wall so you can adjust the position of the unit, relative to the wall, to achieve the size and placement required.

## Shutdown

To turn the system OFF, either press the Start-up / Shutdown button or the remote buttons as above. This will then turn off the projector and shut the system down.

Wait a few minutes for the system to cool, before removing the power cord and replacing the vinyl protective cover.



## Focus Adjustment

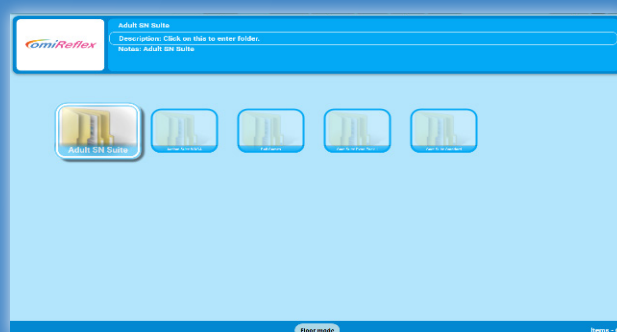
If part of the projected image looks out of focus there is an adjustment on the front of the unit.



Projector focus adjustment

## Main Screen

The main screen will appear once your system has started-up. The folder and application icons can be selected using the remote control navigation buttons.



## Activities

Your system will come complete with either some sample activities or a complete suite depending on the version of content suite it was ordered with. Additionally, there will be a “User Manual” that will give you more information about the content, how to use it, and how to edit it if you have an editable or “+” version of the system.

Please check the correct functionality of a sample of applications, trying at least one of each different effect, which may consist of the following: “Scatter”, “Splat”, “Quiz”, “Wipe”, “Water”, “Zones” etc.

## System setup

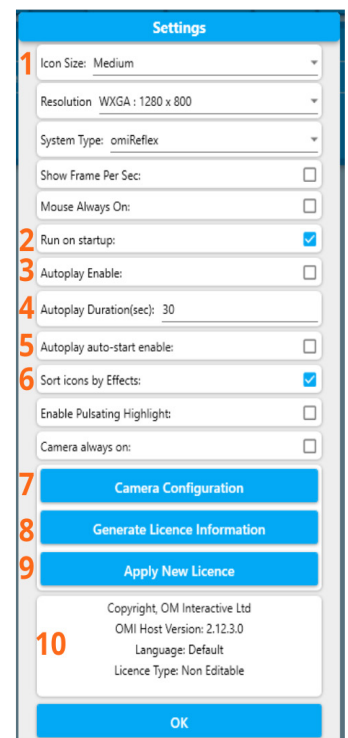
In order to get to the system settings or application editing area if you have an editable or “+” version of the system you will need to have available the systems wireless keyboard, switch it on and press “CTRL+M” together which will then show the menu bar at the top of the main window where you will see the buttons to allow editing which include the ability to create new, import applications, rename duplicate, move or delete applications or folders. Please refer to the user manual for more information about editing. In addition, you will have access to the system settings.

## System settings

In the settings menu you can:

1. Choose the application thumbnail or folder icon size.
2. Set Software Autostart
3. Enable Autoplay
4. Set the application runtime in seconds when autoplay is enabled
5. Set the autoplay to start automatically when the system is turned on
6. Sort icons by effect
7. Check the Camera Calibration settings
8. Generate License information
9. Apply New License
10. See software version information

Details of the above elements can be found in the sections below.

A screenshot of the 'Settings' menu in a software application. The menu is titled 'Settings' at the top. It contains several settings options, each with a numbered callout (1-10) on the left side of the image. The settings are: 1. Icon Size: Medium (dropdown menu); 2. Resolution: WXGA : 1280 x 800 (dropdown menu); 3. System Type: omiReflex (dropdown menu); 4. Show Frame Per Sec: (checkbox, unchecked); 5. Mouse Always On: (checkbox, unchecked); 6. Run on startup: (checkbox, checked); 7. Autoplay Enable: (checkbox, unchecked); 8. Autoplay Duration(sec): 30 (text input); 9. Autoplay auto-start enable: (checkbox, unchecked); 10. Sort icons by Effects: (checkbox, checked); 11. Enable Pulsating Highlight: (checkbox, unchecked); 12. Camera always on: (checkbox, unchecked); 13. Camera Configuration (button); 14. Generate Licence Information (button); 15. Apply New Licence (button); 16. Copyright, OM Interactive Ltd; 17. OMI Host Version: 2.12.3.0; 18. Language: Default; 19. Licence Type: Non Editable; 20. OK (button).

## System settings details

**Icon Size:** You can choose the size of the main screen icons which represent your folder or applications.

**Software Autostart:** This feature will ensure that the omiSurface software will start automatically when the system is turned on.

**Enable Autoplay:** This feature, when enabled, will add the Autoplay icon to the top of the main screen and will then allow you to Autoplay all the activities within the folder you are currently in. To use this feature simply navigate to the icon with your remote control and click “OK” which will start Autoplay and the icon will change colour to purple. To stop this feature, click “OK” to stop the current activity then navigate to an alternative activity.

**Autoplay Duration:** This feature allows you to control how long each application, in your chosen folder will run for before automatically moving to the next application.

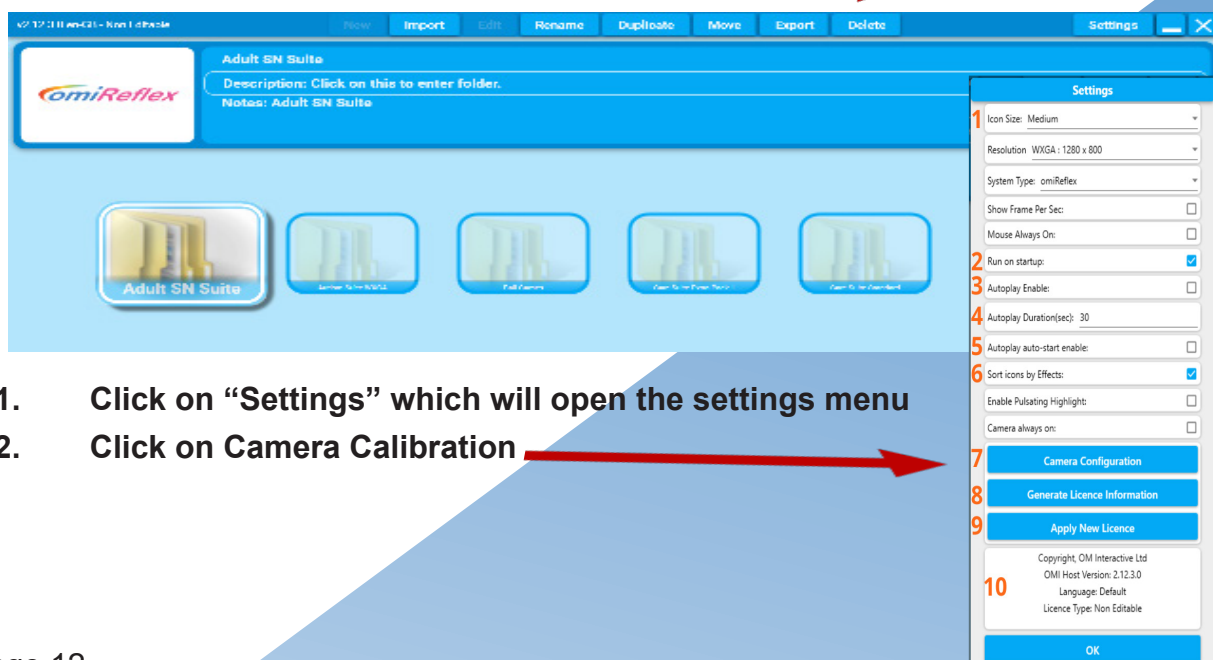
**Autoplay Autostart Enable:** This feature allows you to set Autoplay to automatically start when the software starts.

**Sort Icons by Effect:** This feature allows you to change the displayed order of the application by their effect rather than alphabetically.

## Camera Adjustment

You may find after some testing of applications that the system might require some sensitivity adjustments. All systems are tested and calibrated at our factory before shipping but differing lighting conditions can change the sensitivity of the application operation, for example if there is a high level of daylight / sunlight coming into the environment where the system is being used then this can reduce sensitivity which may mean that hand movements across the projected image may not trigger interaction accurately, in which case an adjustment to the sensitivity may be required in the system settings. To do this press the “OK” button on the remote control to return to the main menu screen and then follow the instructions below:

Firstly, ensure that you have the wireless keyboard to hand and have switched it on. Press both the “CTRL” and “M” buttons at the same time, and the menu bar will appear at the top of the screen.







## License Information

**Generate License Information:** All systems will be delivered already licensed, and there should be no need for you to use this feature unless otherwise directed by OMi. This button allows you to request a license for the system and will generate a license request file that you will need to send to [support@omi.uk](mailto:support@omi.uk).

**Apply New License:** All systems will be delivered already licensed, and there should be no need for you to use this feature unless otherwise directed by OMi. This button allows you to apply a new license that will have been sent to you by OMi. If you have been emailed a new license, you should transfer the file to a USB memory stick which will need to be plugged into the USB ports on the side of your omiVista Mobii unit. Click on the “Apply New License” button, and navigate to the folder on your memory stick where you copied the file, select the file, and click ‘OK’ to apply the new license.

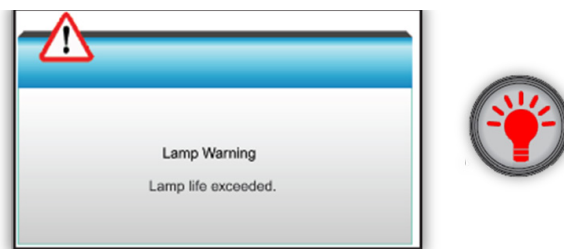
# Maintenance

**The omiReflex Mobile system should only be serviced by one of our partner resellers or an OMi engineers and users should not attempt to service this unit.**

**We recommend that, in order for your omiReflex mobile system to provide a long service life, it undergoes an annual service**

## Projector Lamp Replacement

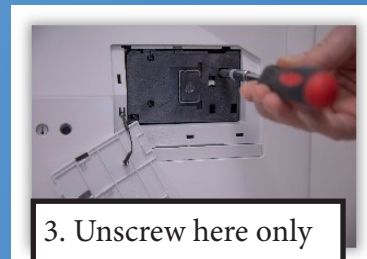
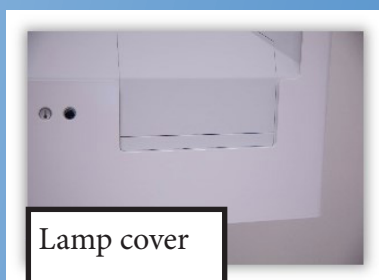
The projector automatically detects the lamp life. When the lamp life is nearing the end of use, you will receive a warning message on the screen and the lamp warning indicator on the front of the projector will flash red.

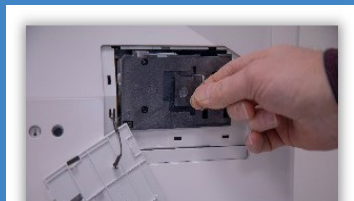


Please contact your local reseller or OMi to have the lamp replaced as soon as possible.



Replace lamp as follows:

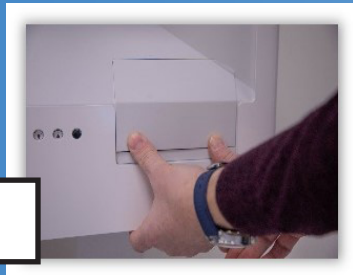




5. Pull out lamp assembly



6. Insert and align top of cover



7. Push down edges firmly

To replace the lamp, use the reverse of the procedure above. When replacing the front cover, align and clip in the top of the cover with the opening, then push down. **DO NOT TOUCH THE LAMP GLASS**

### Projector lamp counter reset

Once the lamp has been replaced you will need to reset the lamp counter in the projector menu. You will need the projector remote control which is located in the Keyboard Storage Pocket at the rear of the unit.

**Be sure to insert the batteries which are stored separately within the supplied accessories pack**

Turn the system on with the power button and wait for the projector to start up then pointing the remote control at the front of the unit follow the instructions below:

1. Press "Menu"
2. Select "Options"
3. Select "Lamp Settings"
4. Select "Lamp Reset"
5. Select Yes

We recommend that when replacing the lamp that you also clean the filters if this has not been done recently.

### Projector filter cleaning

The projector in the omiReflex mobile unit is fitted with 2 dust filters, which will require cleaning every 1000 hours if you are using the system in a dusty environment. When the filters require maintenance, you will see the following message appear on the screen:



To clean or replace the filters you will need to contact your nominated OMi representative in your territory or OMi directly. We would recommend this be done as part of an annual system service.

# Specification

## Power Specifications

Voltage: 100 – 240VAC

Frequency: 50 – 60Hz

Standby Power: 41Watts at 242V 49.9Hz

Max Power: 360Watts at 242V 49.9Hz

Class I (PAT Test as IT Equipment)

## Projector Lamp Life

3000 Hrs (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+)

The above is estimated only and not guaranteed.

## Weights and Dimensions

Width: 60cm / 24"

Depth: 55cm / 14"

Height: 68cm / 17"

Weight: 23KG / 50Lbs

The omiReflex mobile product is designed and manufactured by  
OM Interactive in England

## OM Interactive LTD

17, Avebury Court, Mark Road, Hemel Hempstead Hertfordshire HP2 7TA  
England.

## Technical Support:

UK Customers Tel: 01442 215555 or email [support@omi.uk](mailto:support@omi.uk)

International Customers contact your regional supplier

