

Grid Pad

Eye gaze unit
installation guide

Grid Pad Eye gaze unit (Version 1.0)
English (UK)

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Eye gaze unit installation guide

The Grid Pad eye gaze unit enables you to access your Grid Pad communication aid using eye gaze

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What is included

Your Grid Pad eye gaze unit includes:

- Eye gaze unit (EyeTech TM5 or Irisbond Duo)
- Installation guide
- Eye gaze desk stand
- Phillips screwdriver (A)
- Socket screwdriver (B)



Eye gaze unit



Grid Pad with eye gaze unit attached

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Getting started

The Grid Pad eye gaze unit is designed to fit to your Grid Pad communication aid and enable you to use eye gaze access.

The installation of the camera has three main steps:

1. Removing and replacing your Grid Pad's desk stand with the longer eye gaze desk stand
2. Attaching the eye gaze unit to your device
3. Installing the camera's drivers so it can be used to control Grid 3 and your Windows desktop

Tools required

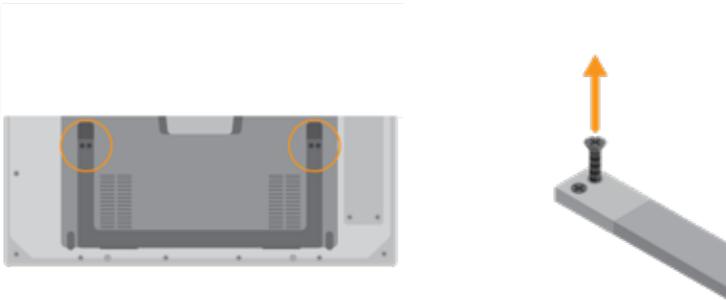
- Phillips screwdriver (A)
- Socket screwdriver (B)
- Flat surface
- Cloth (optional)

Replacing the desk stand

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If your Grid Pad is turned on, you will need to shut it down by navigating to **Start - Power** and select **Shut down**.

1. Place the Grid Pad screen down on a flat surface. It is recommended to use a cloth to protect the screen
2. Lift the desk stand 45 degrees



3. Unscrew the four screws with phillips screwdriver A

Tip: The screws for each side of the stand are specific! We recommend keeping them separate so you don't misplace them.

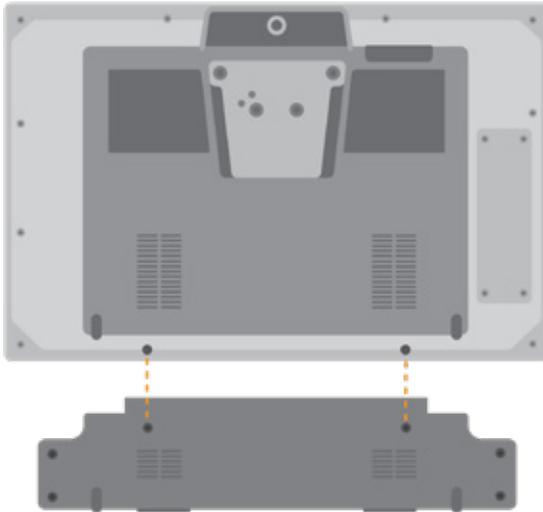
4. Remove the desk stand
5. Replace with the longer eye gaze stand
6. Screw the four screws back into place, ensuring the correct screws are used

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Attaching the eye gaze unit

To attach the eye gaze unit you need to:

1. Lift the eye gaze stand 90 degrees
2. Connect the eye gaze unit to the bottom of your Grid Pad. The pins will help guide the positioning of the unit. Make sure the camera is in the centre of the device and the camera points outwards
3. Use socket screwdriver B to tighten the two screws on the back of the eye gaze unit to attach it firmly to your Grid Pad



4. Plug the cameras USB cable into the port on the side of the Grid Pad

Install the eye gaze camera drivers

EyeTech TM5

The EyeTech TM5 has native Windows drivers. It will be automatically detected in Grid 3 without needing to install additional drivers.

Irisbond Duo

1. Connect your Grid Pad to the internet.
2. Navigate to **thinksmartbox.com/GridpadID**
3. Download the **Irisbond Duo drivers for Grid 3** installer
4. Open the installer and follow the instructions on screen. This will install the necessary drivers for the Irisbond Duo

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Mounting and positioning

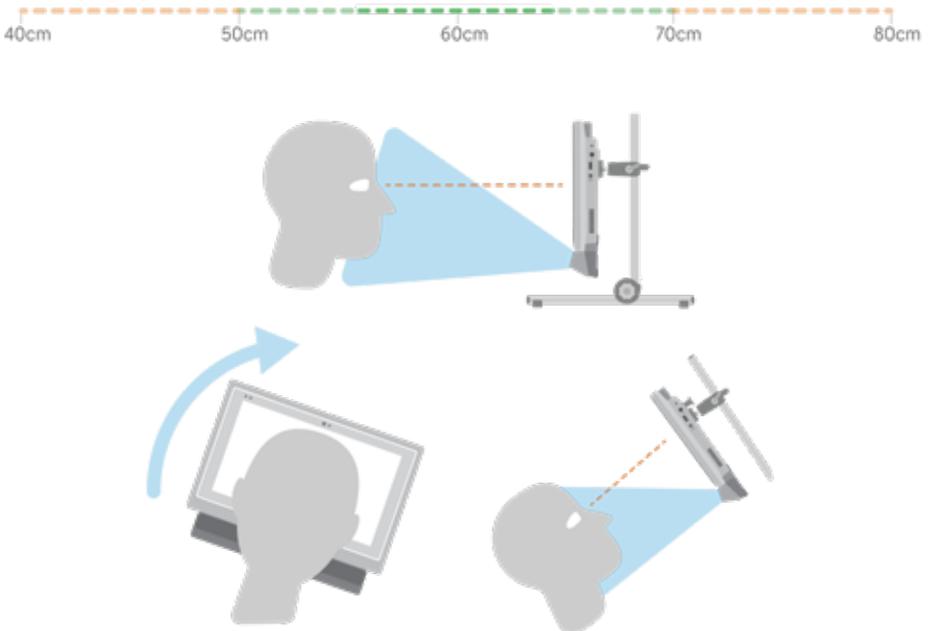
Once drivers are installed and the device is ready to be used, you will need to place your Grid Pad in an optimal position.

Mounting plate

Your Grid Pad will have been supplied with a Daessy and Rehadapt plate allowing it to be mounted on a compatible stand or mounting system. If you need to change the plate, see your Grid Pad manual.

Positioning

In most situations both the EyeTech TM5 and Irisbond Duo cameras have a optimal distance of 50 - 70cm.





Configure eye gaze in Grid 3

Once positioned, the camera can be configured and calibrated from Grid 3. To do this:

1. Open Grid 3
2. Click **Settings**
3. Navigate to **Access**
4. Select **eye gaze**, and you will be presented with a range of configuration options. Under the camera option, choose the model contained in the Eye gaze unit (EyeTech or Irisbond)
5. Tap back and you can now configure Activation, Calibration and Computer control options. You will also be able to see the Positioning guide that can help you find the optimal position for your Grid Pad
6. The first time you use the camera, it is best to calibrate. This will improve the accuracy of the camera and help identify any difficult areas to access. You only have to calibrate once, however if you move the device, or change position, you may want to re-calibrate to suit

You can calibrate directly from many grid sets such as Text Talker and Super Core in Grid 3.

Product name Grid Pad Eye gaze unit

Description Eye gaze unit uses eye tracking technology to allow the user to control a Grid Pad using their eyes.

Model Number TM5-KIT12, IRIS-KIT12

Operating environment

Temperature	0 - 40°C
Relative humidity	0 - 90%
Atmospheric pressure	70 kPa to 106 kPa

Storage environment

Temperature	-20°C - 60°C
Relative humidity	0 - 90%
Atmospheric pressure	50 kPa to 106 kPa

Symbols explanation



Symbol	Meaning
	Conformity European symbol to declare conformity with EU legislation.
	Federal communications commission symbol to declare conformity with US legislation.
	Waste electrical and electronic equipment symbol to indicate you should dispose of this equipment in accordance with local regulations.
	Read the manual symbol

Please consider these safety warnings to ensure safe operation.

Application

Eye gaze unit uses eye tracking technology to allow the user to control a Grid Pad 12 using their eyes. It should not:

- be used as a life supporting device.
- be relied upon for well-being.
- be relied upon as the user's only way of making an emergency call or alarm.
- be used to administer medicine.

Durability

Your eye gaze unit is designed to be tough and rugged but must be handled with care when moving around.

Water & Liquids

The device is not protected against water ingress. Do not get water or liquids on the device, especially in the ports or vents. Do not immerse in water.

Transporting your Grid Pad

When traveling, ensure your Eye Gaze unit is sufficiently protected from knocks and bumps.

Temperature

Do not block the vents.

Ensure that your device is shut down before storing or placing into a bag.

If used in hot temperatures or direct sunlight, your Eye Gaze unit may reach temperatures that can trigger an automatic shutdown. This is a safety feature to prevent lasting damage to the device. If this occurs, please wait until your device has cooled before restarting.

Other Safety

If damaged, small parts may detach from your Grid Pad. These can present a choking hazard. Packaging can also present a choking hazard. Young children and people with cognitive disabilities should be supervised when using the device.

Grid Pad is not sterile. Do not operate with open wounds, or whilst undergoing invasive medical treatments.

Epilepsy warning

Some people with photosensitive epilepsy are susceptible to seizures when exposed to certain lights or light patterns. If you feel odd or nauseous when in front of your Eye Gaze Unit, move away from the device and consult a medical professional.

Eye gaze safety

Prolonged use of an eye tracking device may strain eye muscles. Take frequent breaks and rest if eye fatigue is noticed.

Disposing of the Eye Gaze Unit

Do not dispose of in general household or office waste. Your Eye Gaze Unit should be disposed of in accordance with local regulations for the disposal of electrical and electronic equipment.

Warranty

Your Eye Gaze Unit is covered under the standard 2-year warranty from the time of purchase.

Repairs & Maintenance

Your Eye Gaze Unit is not a user serviceable device. If your device requires a repair, please contact your local Smartbox dealer. For more information visit thinksmartbox.com

EMC & Harsh Environments

When the device is working with other equipment, there may be inference between device and connecting equipment. Eye gaze unit should not be used in:

- a military environment.
- a harsh RF environment.

- an MRI environment.
- an X-ray environment.

Troubleshooting and Customer Support

In most cases, restarting your Eye Gaze Unit will cure any problems. To restart your Eye Gaze Unit, disconnect and reconnect your Eye Gaze Unit USB Cable.

If this does not cure the problem restart your device. To restart your device, Select **Start** and then select **Power > Shut down**. Or if your device has crashed, hold down the power button or remote power button for 5+ seconds to hard reset. Press it again to turn it back on.

If this does not fix the problem, contact support at:

thinksmartbox.com/smart-support

Please have your serial number ready. This can be found under the stand on your device.

Applicable Directives

This equipment complies with the requirements of the EU harmonised legislation; Medical Devices Directive 93/42/EEC as amended by 2007/47/EC, (including EMC Directive 2014/30/EU and LVD Directive 2014/35/EU), RoHS Directive 2011/65/EU. WEEE Directives 2012/19/EU.

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