



# VUZIX M400 V NAVIGATOR 500

Focusing on Performance  
Practicality



Understanding which XR hardware is the best solution for your specific needs is very important. From efficiency to getting great results, the right device can make all the difference.

Rather than take you line by line through the specifications of the Vuzix M400 and RealWear Navigator 500, we've highlighted the 7 key areas of difference to help let you decide which is right for you.

Further down this document you can:

- Book a Test Drive
- Download the comparison document

## 6 Different Mounting Options

The Vuzix M400 sets itself apart from its competitors in field tests due to its exceptional versatility in deployment. With six different ways to wear it, this device offers unparalleled flexibility and adaptability for users. Whether you prefer to wear it on a headband like a surgeon, on a wristband, or any other preferred method, the [Vuzix M400](#) allows you to customise its placement according to your specific needs and preferences.

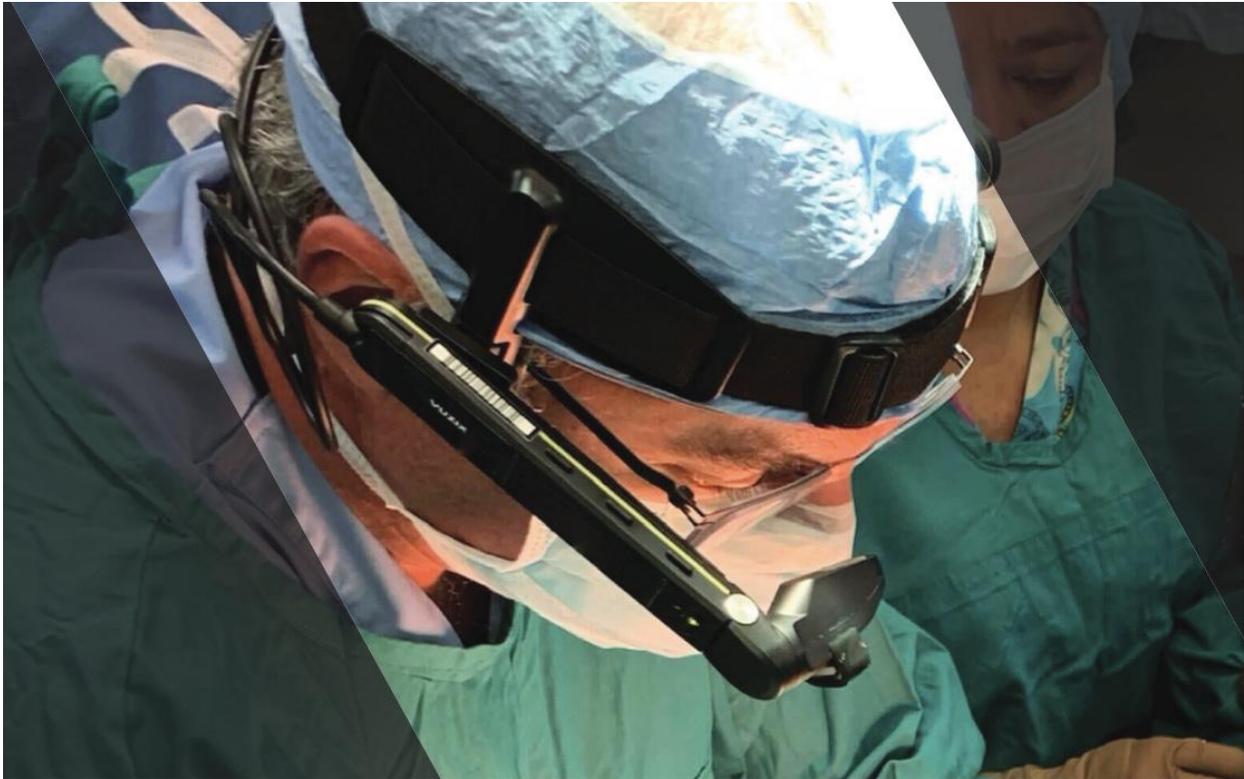
This versatility in deployment is a game-changer, especially in demanding fields where mobility and ease of use are essential. Imagine being able to switch between different mounting options effortlessly, depending on the task at hand. The Vuzix M400 Smart Glasses empower professionals to move freely and perform their duties without any hindrance or discomfort. For example, a surgeon can effortlessly wear the

Vuzix M400 device on a headband, ensuring the device stays securely in place even during delicate procedures. This hands-free deployment allows the surgeon to focus entirely on the task at hand, without worrying about the device's stability. Additionally, professionals in other fields can explore the various mounting options to find the most comfortable and practical way to wear the Vuzix M400 specs for their specific tasks.

The Vuzix M400 weight goes hand in hand with its versatility in deployment. Weighing only 120g, this device is incredibly light, making it easy to wear for extended periods without experiencing any strain or fatigue. Gone are the days of feeling weighed down by a heavy device like the Navigator 500. The Vuzix M400's feather-light construction ensures that professionals can wear it throughout the day without any discomfort or restrictions on their movements.

In conclusion, the Vuzix M400's versatility in deployment is a significant advantage that sets it apart from its competitors. With six different ways to wear it, professionals can find the most suitable and comfortable mounting option for their specific tasks. Combined with its lightweight design, the Vuzix M400 Smart Glasses offer unparalleled wearability and freedom of movement. Don't settle for a device that limits your flexibility and comfort.

Choose the Vuzix M400 Smart Glasses and experience the difference it can make in your daily tasks. Like the surgeon below, headband mounted deployment gives real flexibility.



## Weight

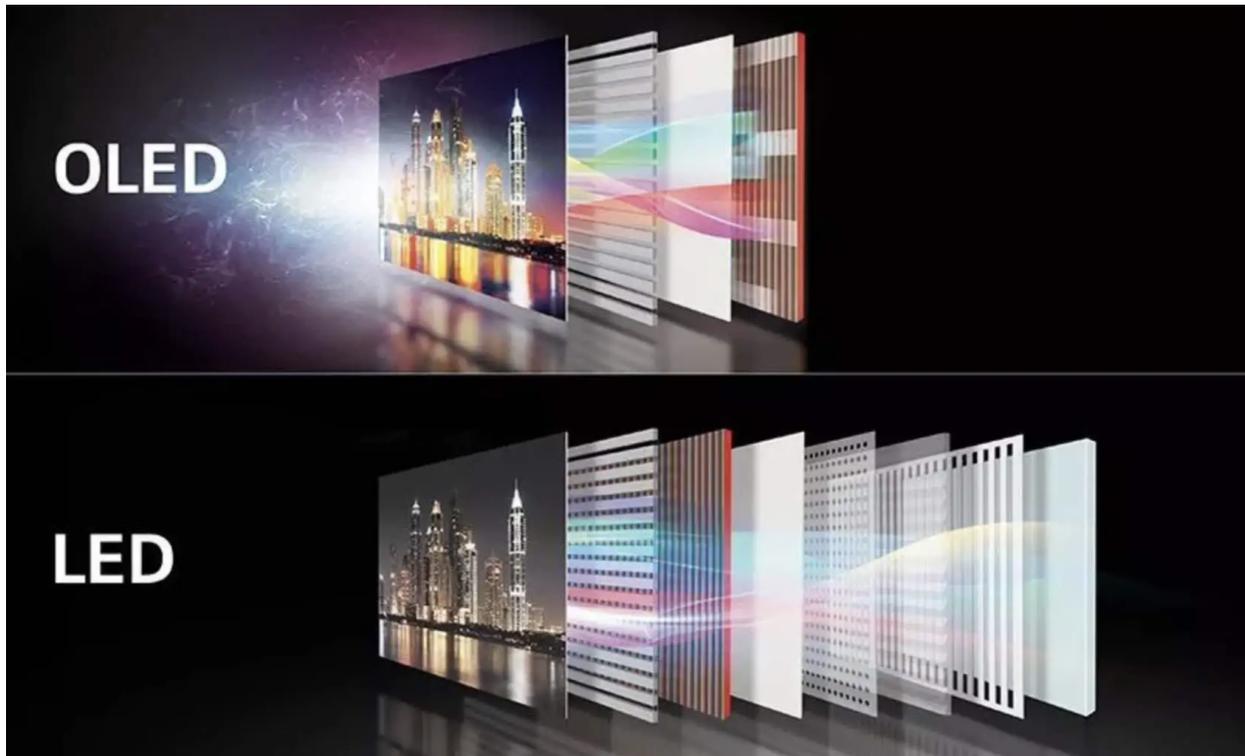
The weight of a device can make a significant impact on its overall usability and comfort. In this regard, the Navigator 500 and the Vuzix M400 couldn't be more different. Weighing in at 270g, the Navigator 500 is noticeably heavier compared to the feather-light Vuzix M400, which weighs only 120g. This substantial difference in weight has a profound effect on the wearability of these devices throughout the day.

Imagine having to wear a heavy device like the Navigator 500 for an extended period of time. The strain it would put on your neck and shoulders would be immense, making it uncomfortable and impractical for long-term use. On the other hand, the Vuzix M400's lightweight design ensures that you can wear it effortlessly throughout the day without feeling weighed down or fatigued.

Whether you're a surgeon performing delicate procedures or a professional in a demanding field, having a device that doesn't hinder your movements or cause discomfort is crucial. The Vuzix M400 weight being a feather-light construction grants you the freedom to move naturally without any restrictions, ensuring optimal performance and productivity.

Moreover, the reduced weight of the Vuzix M400 doesn't compromise its durability or functionality. It still offers a multitude of mounting options, allowing you to wear it in six different ways to suit your specific needs. This versatility ensures that you can find the most comfortable and practical deployment for your tasks, be it headband-mounted like a surgeon or any other preferred method.

In conclusion, the weight difference between the [Navigator 500](#) and the Vuzix M400 is not to be underestimated. The Vuzix M400's significantly lighter weight not only enhances its wearability but also contributes to a more enjoyable and efficient user experience. Don't let the burden of a heavy device weigh you down when you can choose the lightweight and versatile Vuzix M400 for all-day wearability.



## Display

When it comes to the display, the Vuzix M400 takes the lead with its OLED display, while the Navigator 500 features an LCD display. This distinction in display technology has a significant impact on the overall visual experience and usability of the devices.

The M400's OLED display offers several advantages over the Navigator 500's LCD display. OLED (Organic Light Emitting Diode) technology provides vibrant colors, high contrast ratios, and deep blacks, resulting in a more immersive and visually appealing experience. The images and text on the M400's display appear sharper and more vivid, allowing for better readability and clarity of information.

On the other hand, LCD (Liquid Crystal Display) technology, although reliable and widely used, falls short in comparison to OLED displays. LCD screens tend to have lower contrast ratios and limited color reproduction, which can result in less vibrant

and slightly washed-out visuals. While the Navigator 500's LCD display still provides a decent viewing experience, it may not match the level of quality and visual impact offered by the M400's OLED display.

In applications where visual precision and clarity are crucial, such as medical procedures or field work, the M400's OLED display can make a significant difference. Surgeons, for example, can benefit from the enhanced color accuracy and contrast of the OLED display, allowing them to see intricate details with utmost clarity during delicate procedures.

Furthermore, the OLED display of the M400 ensures excellent visibility even in challenging lighting conditions. Its high brightness levels and wide viewing angles make it easier to read and interact with the device's interface, regardless of the environment you find yourself in.

In conclusion, the M400's OLED display surpasses the Navigator 500's LCD display in terms of visual quality, colour reproduction, and overall user experience. By choosing the M400, you not only benefit from its lightweight design and versatile deployment options but also enjoy the immersive and vibrant visuals provided by its OLED display. Make the smart choice and elevate your daily tasks with the cutting-edge technology of the Vuzix M400.



## Interaction Options

The M400 sets itself apart from its competitors not only in its versatility in deployment but also in its extensive range of control options. With a total of 8 control options, the M400 offers users a seamless and intuitive interaction experience.

In addition to the three buttons that provide easy access to essential functions, the M400 features a 2-axis trackpad. This trackpad allows users to navigate through menus and scroll through content with precision and ease. Whether you're zooming in on intricate details or scrolling through a long document, the trackpad ensures smooth and effortless control.

But that's not all. The M400 also offers voice control, allowing users to operate the device through simple voice commands. Whether you're in a hands-on situation or simply prefer a more convenient way to interact with the device, voice control provides an efficient and hands-free option.

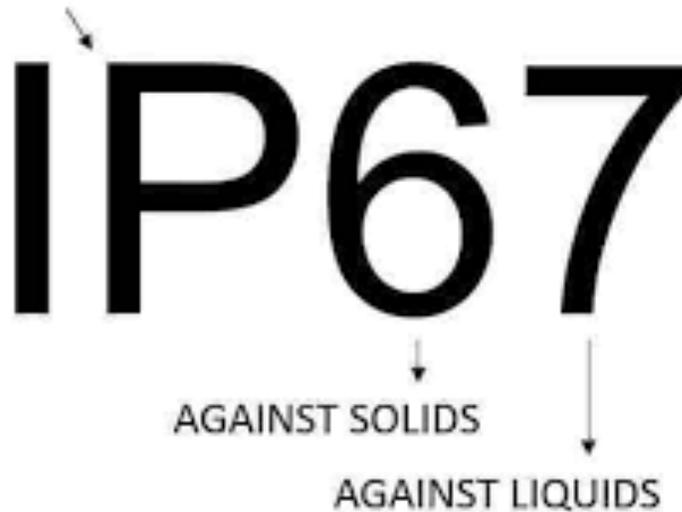
Furthermore, the M400 incorporates gesture control, enabling users to perform various actions through intuitive hand movements. By simply waving your hand or making specific gestures, you can easily switch between applications, zoom in and out, or perform other functions without the need to touch any buttons or trackpads.

And if that's not enough, the M400 takes interaction to the next level with head motion control. By tracking the movement of your head, the device can respond to specific gestures or actions. Whether you need to scroll through a document by tilting your head or perform other commands with head movements, the M400 allows for a truly immersive and hands-free experience.

In comparison, the Navigator 500 offers voice control and buttons as its primary interaction options. While voice control provides a convenient way to operate the device, the limited control options may restrict certain actions or functions that the M400 can effortlessly perform.

In conclusion, the M400's extensive range of control options sets it apart from the Navigator 500. With three buttons, a 2-axis trackpad, voice control, gesture control, and head motion control, the M400 offers users a versatile and intuitive way to interact with the device. Whether you prefer physical buttons, touchpad navigation, voice commands, gestures, or head movements, the M400 caters to your individual preferences and ensures a seamless and efficient user experience. Say goodbye to limited interaction options and embrace the advanced technology of the Vuzix M400.

INGRESS PROTECTION



## Standards Compliance

In addition to its many other impressive features, the Vuzix M400 also boasts IP67 compliance, while the Navigator 500 is only IP66 compliant. This difference in compliance standards further solidifies the M400's position as a superior device in terms of durability and reliability.

IP67 compliance means that the M400 is completely dustproof and can withstand being submerged in up to 1 meter of water for 30 minutes without any damage. This level of protection ensures that the device can withstand even the harshest environments, making it suitable for a wide range of industries and professions.

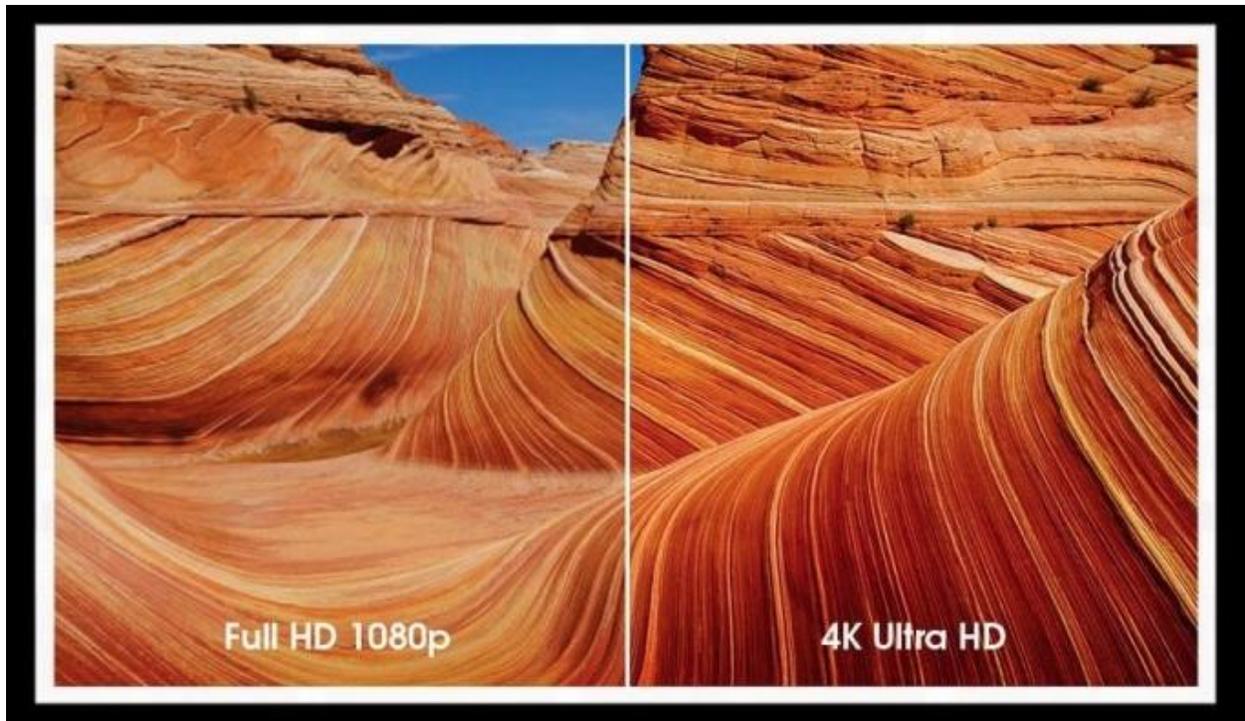
Whether you're working in construction, manufacturing, or any other field that exposes you to dust, dirt, or water, the M400 will continue to perform flawlessly.

On the other hand, the Navigator 500's IP66 compliance means that it is also dustproof and can withstand powerful jets of water. While this level of protection is still

impressive, it falls slightly short of the M400's IP67 compliance. In situations where complete dust and water resistance is required, the M400 is the clear choice.

By choosing the M400 with its IP67 compliance, professionals can have peace of mind knowing that their device is built to withstand the toughest conditions. Whether you're working in extreme weather conditions, in a dusty environment, or even underwater, the M400 will continue to function reliably, ensuring uninterrupted productivity and performance.

In conclusion, the M400's IP67 compliance adds another layer of reliability and durability to its already impressive list of features. By surpassing the Navigator 500's IP66 compliance, the M400 proves itself to be the superior choice for professionals who require a device that can withstand even the harshest conditions. Don't settle for anything less than the best. Choose the M400 and experience the peace of mind that comes with a device that meets the highest standards of durability and reliability.



## Video Quality

When it comes to video quality, the Vuzix M400 sets itself apart from the Navigator 500 with its impressive 4K video capability. This means that the M400 can capture and display videos with a resolution of 3840 x 2160 pixels, providing incredibly sharp and detailed visuals.

In comparison, the Navigator 500 offers a maximum video resolution of 1080p, which translates to 1920 x 1080 pixels. While 1080p is still considered high-definition and delivers clear and vibrant video playback, it falls short in terms of the level of detail and clarity that 4K video can provide.

With the M400's 4K video capability, professionals in various industries can benefit greatly. For example, in fields such as architecture or engineering, where precise

details and measurements are crucial, the high resolution offered by the M400 can enhance the accuracy and precision of visual inspections and measurements.

Furthermore, the 4K video capability of the M400 is particularly advantageous in medical applications. Surgeons performing complex procedures can benefit from the enhanced visual clarity and detail, allowing them to closely analyse and assess the surgical site with utmost precision. This can ultimately contribute to better patient outcomes and overall surgical success rates.

In addition to capturing high-quality videos, the M400's 4K video capability also enhances the viewing experience. Whether you're reviewing recorded footage or streaming live video, the sharpness and clarity of the visuals on the M400's display ensure a truly immersive and engaging experience.

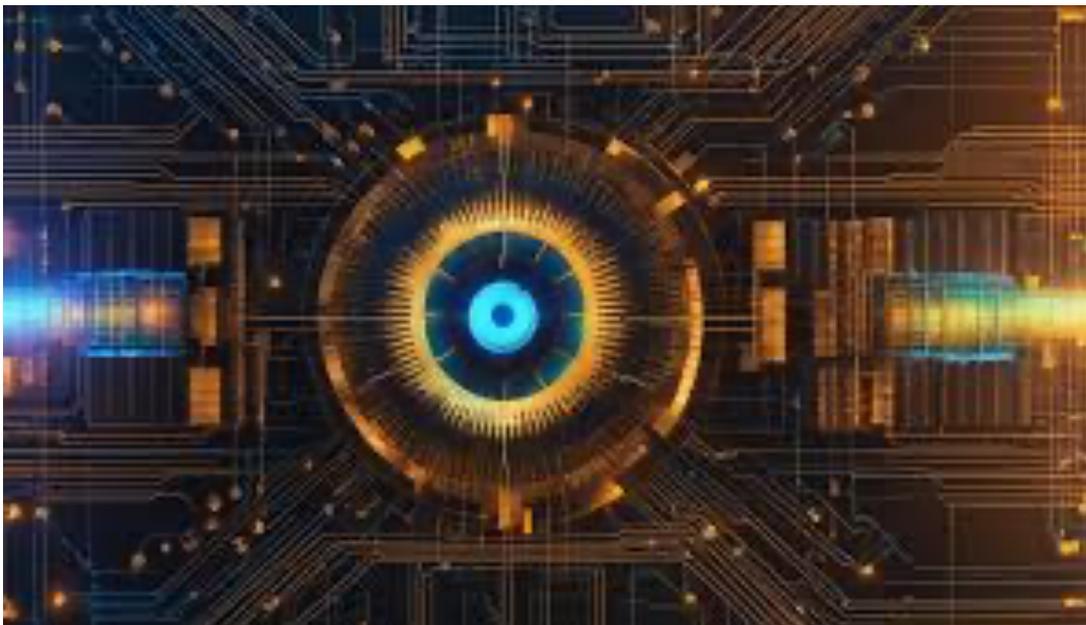
In conclusion, the Vuzix M400's 4K video capability surpasses the Navigator 500's 1080p resolution, providing users with incredibly detailed and sharp visuals. With its ability to capture and display videos in 4K resolution, the M400 offers professionals in various industries a valuable tool for precise inspections, assessments, and visualisations. Elevate your video experience and take advantage of the cutting-edge technology of the Vuzix M400.

## **Processor Power**

When it comes to processing power, the Vuzix M400 takes a significant lead with its 2.5GHz processor, while the Realwear Navigator falls slightly behind with its 2.0GHz processor. The difference in processing speed can have a noticeable impact on the overall performance and efficiency of the devices.

With its faster processor, the Vuzix M400 can handle demanding tasks and applications with ease. Whether you're running complex software or multitasking between multiple applications, the M400's processor ensures smooth and responsive performance. This is particularly beneficial in industries that rely on real-time data processing or require seamless integration with other systems.

The increased processing power of the M400 also contributes to faster boot-up times and quicker application launches. This means that you can start using the device and access your desired applications more efficiently, saving valuable time in your daily tasks.



Furthermore, the M400's powerful processor enables faster data transfer and communication speeds. Whether you're transferring files, streaming video, or connecting to other devices, the M400's processor ensures a seamless and uninterrupted experience.

On the other hand, the RealWear Navigator's 2.0GHz processor, while still capable, may experience slight delays or lags when dealing with resource-intensive tasks. This

can impact the overall user experience and productivity, especially in industries where time is of the essence.

In conclusion, the Vuzix M400's 2.5GHz processor surpasses the processing power of the RealWear Navigator's 2.0GHz processor. The increased speed and efficiency of the M400's processor contribute to smoother performance, faster boot-up times, quicker application launches, and improved data transfer speeds. With the M400, you can confidently tackle demanding tasks and rely on its powerful processor to enhance your productivity and efficiency.

Experience the difference that superior processing power can make and choose the Vuzix M400.

[Vuzix Information Centre Here](#)

The 7 Advantages mean that the M400 is worth putting head to head v the Navigator 500 in a test drive situation, which we would recommend.

[BOOK A TEST DRIVE HERE](#)

[Download the comparison sheet HERE](#)