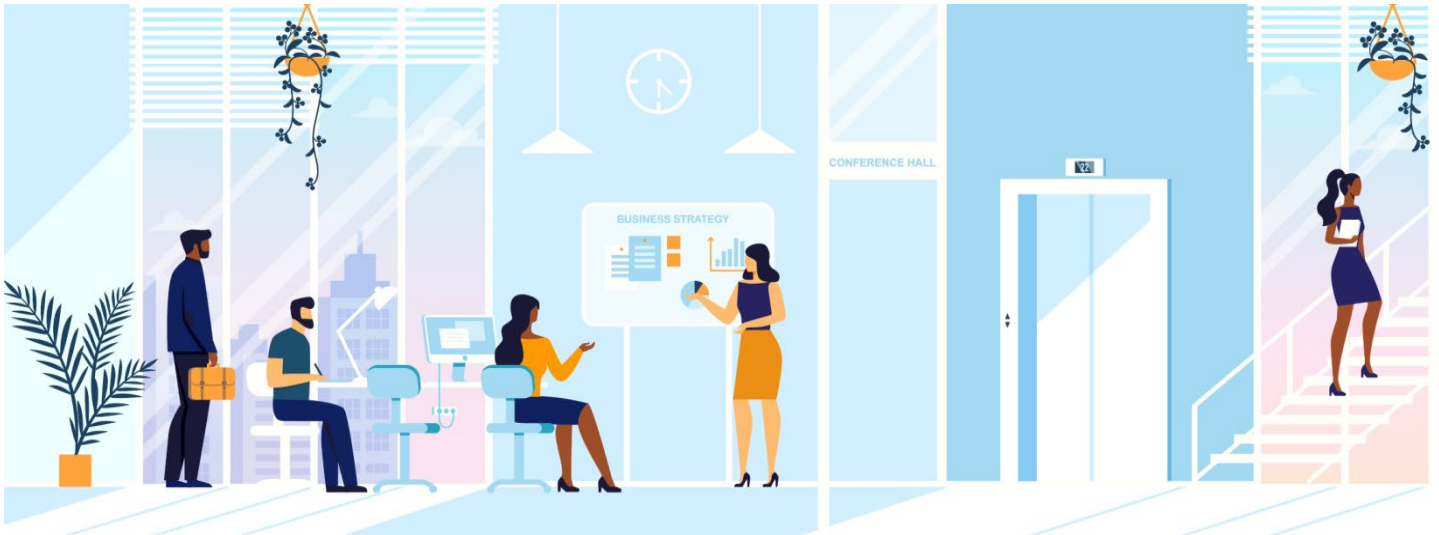# THE COMPLETE GUIDE TO INTERACTIVE DISPLAYS

A complete guide to understanding interactive displays options and the best solution to fit your needs if you're in the process of considering adding interactivity to your organization.

THE COMPLETE GUIDE: AN INTROUDCTION

Interactive displays are at the forefront of modern business technology. They're innovative and convenient, and they're made to keep the wheels of your company spinning. But where do you start? Interactive panels are a form of technology that's on the rise, and there are many options out there - how do you sort the wheat from the chaff?

Well, if you've ever wanted to get to know your full options when it comes to interactive panels, for a wide variety of business uses, Parmetech has got you covered with this Complete Guide. Be sure to read on for more information if you're currently in the process of considering adding interactivity to your company.

WHAT ARE INTERACTIVE DISPLAYS?

Interactive displays bring a new level to the traditional whiteboard, by allowing a more productive and speedy use of the day in the workplace or an educational setting. No need for pens, or to waste time cleaning up, because an interactive panel can be used by any and all, and allows for a better sense of collaboration across an enterprise or learning institution. You don't even need to be physically present to learn off of this digital whiteboard!

What are the Different Touch Panel Types?

Depending on your needs, there are various touch panel types for interactive whiteboards. Each type has its own advantage, so take care when choosing the right product for your establishment.

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- **Resistive Touch** - Commonly used and cost-effective, resistive touch panels require actual hand to screen contact and are generally limited to single-point of touch. This type of panel is often found in retail locations, where stylus-based signatures are typically required after credit card purchases.

- **Infrared Touch** - Useful when collaborating, infrared touch panels can detect any input, are durable, and support multi-touch functionality. However, it is best to keep this type of panel in a somewhat dark location as this panel type performs rather poorly in heat, particularly in direct sunlight. Infrared touch panels are great tools for education and business environments.

- **Optical Imaging Touch** - A versatile type of touch panel, infrared lights are used to create shadows, which register as touch. From durability to multi-touch, all in all, optical imaging is just about the most versatile option when it comes to touch panel types.

- **Projected Capacitive Touch** - By way of their electrical-based touch detection, projected capacitive touch panels are known for their high precision and high-speed response times. They possess multi-touch functionality and can be used within small, compact devices such as smartphones, tablets, and GPS devices. However, due to its underlying technology, projected capacitive touch has proven challenging to scale up to larger sizes.

THE BENEFITS OF USING INTERACTIVE DISPLAYS

There's a multitude of benefits to using interactive displays in terms of educational purposes; essentially, your classroom can become an interactive and ultimately immersive learning environment. Interactive displays can help to make learning a lot more fun, for both students and teachers alike.

It's a good way to keep even the most attention-deficit of pupils engaged and prepared to take in information. This is the future of learning, and an interactive whiteboard can accommodate every type of learner out there. Check out the top 10 ways interactive displays improve education.

There are a whole host of higher educational benefits, including a better sense of campus communication for independent students going about their day. Want to transmit college information instantly around the entire campus, where any and all students can see it? An interactive display is the solution!

Of course, there's a variety of benefits in terms of business purposes too. Keep your teams collaborating in the conference room or even in the break room! An interactive display draws the eye, and allows anyone to pop their ideas and information onto the board for later use.

If you want to keep the entirety of your enterprise up to date and engaged, an interactive display panel can fit into any and all spaces and increase productivity across the office. Check out our list of 8 benefits that interactive displays bring to the conference room.

INTERACTIVE DISPLAY OPTIONS: HOW TO CHOOSE THE RIGHT PANEL

Interactive displays are becoming increasingly popular - in both business and education settings – and there are quite a few big-named brands at the top of the marketing including ViewSonic, ClearTouch, Promethean, Smart and BenQ. With such a big investment, you want to be sure you're choosing the right one.

You might be thinking "Well, how different can these panels be?"

All interactive panels come in similar sizes, let you touch the screen to interact, let you annotate in real-time over documents and presentations. While this is true, you might be surprised at just how different these panels are!

With so many different features to compare, it can be very overwhelming to figure out which brand and type of panel is right for you – which is why we've put together the ultimate 'Battle of the Brands' battlecard.

Check out our Competitive Comparison Battlecard to see how these top brands stack up against each other.

ViewSonic is a Clear Winner

ViewSonic is one of the top contenders when it comes to interactive panels. ViewSonic interactive flat panel displays are the perfect solution for education or for the workplace – ViewSonic ViewBoard IFPs allow you to present in the conference room, facilitate collaboration among students, brainstorm in the workroom or classroom, and ultimately, make decisions across the globe in real-time with shared content that anyone with a Wi-Fi signal within your organization can access.

ViewSonic ViewBoard Interactive Displays

Industry-leading and award-winning, ViewSonic ViewBoard interactive panels deliver when you're looking for the ultimate digital whiteboard solution. With content sharing and interactive touch at your fingertips, ViewBoard displays help to better facilitate presentations, brainstorming, and decision-making. There are currently three different types of panels on the market:

ViewBoard IFP50 Series

This is ViewSonic's OG interactive panel. Featuring 4K Ultra HD resolution and an advanced, next-generation touchscreen, the ViewBoard IFP50 series delivers incredible collaborative capabilities for your business or education needs.

It comes out of the box with embedded ViewBoard OS complete the myViewBoard digital whiteboard ecosystem, but it works with Chrome, Windows, Mac, Android, and iOS systems, so there's no need to worry over compatible formats. Unlike most of its competitors, this series comes in 5 different sizes -- 55", 65", 75", 86" and 98"!
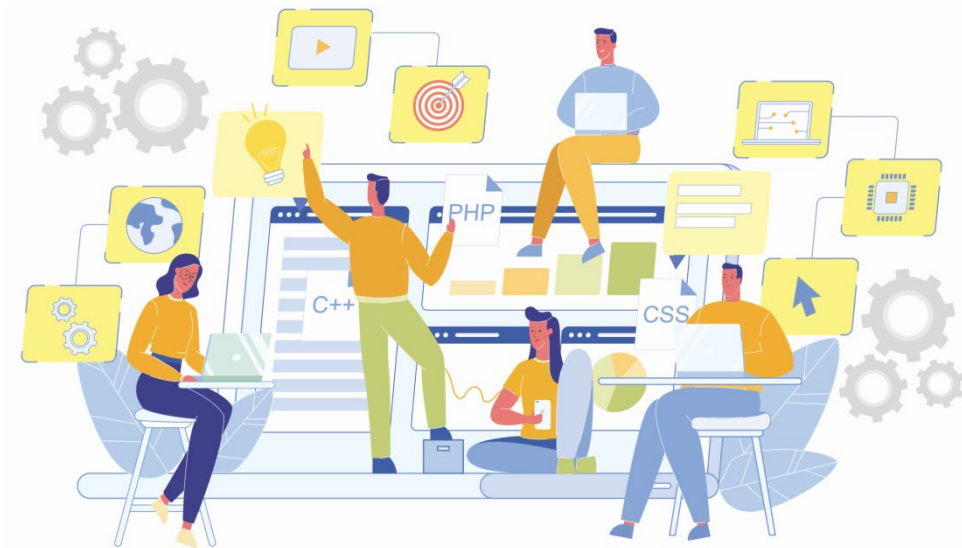
ViewBoard IFP60 Series

Offered in two sizes – 65" and 75" – the IFP60 series offer highly accurate InGlass touchscreens that provides an incredibly natural handwriting experience, and allows multiple users to simultaneously write or draw on the screen with their fingers and styluses. Additionally, integrated fingerprint readers add an extra layer of security for the corporate environment.

ViewBoard IFP70 Series

The premium, state-of-the-art IFP70 series features a bezel-less PCAP (projected capacitive) touchscreen with incredible 4K Ultra HD resolution. This highly accurate interactive screen provides for an incredibly natural and responsive handwriting experience. Using fingers, styluses, or both, multiple users can simultaneously write or draw on the huge ViewBoard panel. What's more, meetings and presentations start fast thanks to convenient one-wire USB-C connectivity. This series is ideal for Microsoft environments and comes in three sizes – 65", 75" and 86".

THE RIGHT SOFTWARE FOR YOUR PANEL

Just as important as the panel is the software that it runs on. Without it, you're interactive panel is just like a giant touch-screen TV. myViewBoard™ is the companion software for the ViewSonic ViewBoard. This software makes use of a cloud system, to ensure you can save and store your work wherever you are in the world. myViewBoard allows you to connect your PC to an interactive whiteboard, no matter if you're working through a simple online browser, on a Windows enabled system, or via an Android device.

In the Conference Room

Featuring advanced AES-256 encryption, this software protects data from unauthorized access, making it ideal for use in corporate spaces. Integration with myviewboard.com allows unlimited users to share screens, as well as cast-in and out from anywhere in the world. myViewBoard™ for Windows also lets users write, highlight, edit, and transform documents and images on-screen in real-time – leveraging interactive displays to create more engaging presentations in the boardroom.

In the Classroom

myViewBoard enables teachers to build dynamic lesson plans, import engaging content, share lessons with students, and access their teaching tools, assignments, courses, and documents – all in one place. Teachers can download course materials or activities, and they can send their own materials to other teachers for content sharing and feedback. Whether yours is a Windows, Android, or cloud environment, myViewBoard works well with existing technology and seamlessly integrates into nearly any classroom.

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ENHANCE YOUR VIEWBOARD EXPERIENCE

The features of the ViewSonic products don't stop there. With a few simple add-ons, your ViewBoard display can do much, much more. You can optimize your digital whiteboard experience and enhance classroom and meeting room collaboration with the use of slot-in media PCs, media players, and other optional accessories.

For example, if you need an SSD to speed things up or if you need a local storage device, there's a number of slot-in PCs to choose from that provide the computing power needed for fast-moving educational or corporate environments.

Different mounting options give you the ability to mount your interactive display on a wall, on a fixed stand, or even a mobile cart with 90 degree tilt! Whatever you need, there's a mounting option that will work for you.

Your organization can benefit immensely from an interactive panel. For greater emphasis on collaboration, productivity, and streamlining your tasks, an interactive panel is an indispensable part of your business plan. If you'd like to get started on the journey of finding the right interactive display for your needs, contact the technology experts at Parmetech today!

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