

Interactive Touch Screens



Smarter Technologies Ltd
putting technology to work



Why Interactive Touch Screens?

Interactive Touch Screens represent an all in one solution for presenting. Designed using the latest technologies, they offer greater efficiency and are more environmentally friendly than a projector or interactive whiteboard. As a projector is not used, glare or shadows, a drawback often experienced with interactive whiteboard and projector setups, is eliminated.

- Bright and clear in all lighting conditions;
- No shadows;
- Long 50,000 Hour LED lamp life;
- Minimal energy consumption;
- Environmentally friendly with reduced carbon footprint;
- Minimal running costs;
- No ongoing lamp replacement costs;
- No calibration required;
- Flexibility to mount at any height;
- Cheaper than a whiteboard and projector solution.

Why BVS ECOtouch?

BVS ECOtouch Interactive Touch Screens are the best value interactive touch screens on the market providing true quality and reliability for your training and meeting rooms. In addition to the industry leading 7 Year Warranty, all BVS ECOtouch systems are supplied as standard with the powerful Qwizdom OKTOPUS, which allows presentation, annotation, collaboration and voting in an all encompassing software suite and the SMART Learning Suite including Smart Notebook software as an option.

BVS ECOtouch 65inch - ETA651

Experience the most versatile Interactive Touch Display on the market with the BVS ECOtouch 65 inch ETA651 (also available as 55" & 70").

With Android built in and totally out of the box wireless-ready, it cannot be beaten on flexibility and ease of use. Add to this the huge number of apps available for Android and the display is ready to take your meetings and presentations to the next level.

Mirror what is on your Windows, Android or Apple device, without the need for messy cables, with the wireless mirroring feature this display offers. Great for presenting and sharing content during meetings it is done using your devices native streaming platform – Screen Mirroring for Android, Miracast for Windows and AirPlay for Apple. Mirroring the display from your mobile, tablet or laptop has never been easier.

Damon Starky who is the Meaningful Activities Co-ordinator at HARP, a Southend-based charity, has been getting to grips with interactive touch screens (smart monitors):

"As a group facilitator here, and as someone who co-ordinates a lot of other group interventions, I have found our new interactive smart monitors to have been a fabulous boon to everything I run here.

It has increased attendee participation, made any group instantly feel more up to date by using it. I have personally found the ability to prep in advance and access the prepped materials invaluable. The speed and fluidity of going through the sessions on screen has been amazing – it really makes the display appear to be integral to the discussion.

I feel I have only truly realised around 20% of its potential and I already feel I cannot go back to using more traditional methods of presenting, its applications will only increase I am sure with experience and use!"

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"Last year I ordered a BVS ECOtouch 65" Interactive Touch Screen and Fixed Height Mobile Trolley on behalf of Ealing Mencap, a local charity working in West London.

We were very pleased with the service, price, and product that we received. So pleased in fact, that we are looking to purchase another package to the same specification." - Ealing Mencap

"We are really impressed with the robustness and build quality of the screen, the pictures clarity is outstanding on such a large screen and the touch sensitivity is pin point perfect." - Dragon 2000 Ltd

"Our old Smart Boards and projectors were gradually failing and we needed to replace them. The prices we were quoted were at least £1000 more than the BVS ECOtouch. We have now had seven BVS ECOtouch touchscreens installed and each time, have been extremely delighted." - Holymead Primary School

"The BVS 65" Screens are absolutely stunning! So much better than the old interactive whiteboards and projectors. Really pleased with the finished installation and the excellent level of service you have provided. Furthermore, your prices are very affordable." - Penwortham Girls High School

With every installed solution, you get...

- Screen delivery direct to site avoiding the problems of kerbside delivery;
- High quality wall-mounted installation by professional installers with options to upgrade to height adjustable mount or fixed/height adjustable trolley;
- De-installation of your old equipment if required;
- Option to buy or lease through an asset finance agreement.

Optional Video Conferencing Package

High quality video conferencing on the BVS ECOtouch screens is provided as an option. Coupled with a high definition webcam with stereo microphones and the acclaimed ZOOM Cloud Meetings video conferencing app our large Interactive Touch Displays provide the ideal choice to host online "face-to-face" meetings which save you both time and money by reducing travel to a minimum.

Complimentary Meeting Application

Bundled with the screen is an easy to use meeting application. Designed specifically for use with our Interactive Touch Displays this app combines the annotation style of traditional whiteboards with the convenience modern technology allows. You can read, write, edit, compare and most importantly annotate a variety of images, videos, PDF's, Office documents (Word, Excel, and PowerPoint) simultaneously.

Wireless Mirroring

Mirror what is on your Windows, Android or Apple device without the need for messy cables with the wireless mirroring feature this display offers. Great for presenting and sharing content during meetings it is done using your devices native streaming platform - Screen Mirroring for Android, Miracast for Windows and AirPlay for Apple. Mirroring the display from your mobile, tablet or laptop has never been easier.

Infrared 10-point Touch

The Interactive Touch Displays use Infrared touch which is the most robust and durable interactive technology available. Designed for use in commercial applications, infrared touch technology works by embedding LED lights and sensors into the bezel of a monitor above the etched glass. These LED's beam a signal across to the corresponding sensor on the other side forming an invisible grid. When the grid is broken by a finger, or other solid object, the sensors can detect the touch point. Infrared touch screens are by far the most cost effective solution on the market. Having up to 10 touch points allows for a wider variety of applications than ever before. This kind of functionality allows you to manipulate images, zoom in an out as well as perform many other touch gestures; much like you would with a smartphone or tablet. It also allows for multiple users interacting with the screen at one time, ideal for group interaction and learning.

LED Backlight & Etched Anti-Glare Glass

The LED backlight used is not only eco-friendly but also ensures the display has enhanced brightness and contrast. This technology increases the lifespan and reduces the power consumption by around 30%. This form of light technology is mercury free; safeguarding this screen's eco friendliness. The etched glass diffuses the light, increasing the clarity of the screen and makes text and images much more legible even in areas with strong light. The display's anti-glare nano coating improves scratch and impact resistance of the screen as well as improving tactility; essential for group interactivity.

Easy Access Ports and Controls

You can conveniently connect a laptop, or another external device, to the display's front ports. For more permanent connections there are a variety of AV inputs on the rear of the unit. The display also has clearly labelled buttons on the front face.

7 Year Peace of Mind Warranty

Boasting one of the best warranties, all BVS ECOtouch screens come as standard with a 7 year warranty, giving complete peace of mind. All support is UK based.

Prices (Ex. VAT)

	Premium1 Installed	Premium2 Installed	Premium3 Installed	Premium4 Installed
BVS ECOtouch 65" ETA651 Interactive Touch Screen	✓	✓	✓	✓
5 Metre Cable Kit with Wall Mount Connectors	✓	✓	✓	✓
Heavy Duty Touch Screen Wall Mount Bracket	✓	✓	✓	✓
OKTOPUS Software	✓	✓		
Online OKTOPUS Software Training	✓	✓		
Removal and recycling of old equipment		✓		✓
Removal and recycling of packaging		✓		✓
SMART Learning Suite			✓	✓
Online SMART Learning Suite Training			✓	✓
Screen delivery direct to site not the kerbside	✓	✓	✓	✓
High quality wall-mounted installation (solid wall)	✓	✓	✓	✓
Option to buy or lease with an asset finance agreement	✓	✓	✓	✓
Cost (ex. VAT)	£1,899	£1,999	£2,199	£2,299

Other Screen Sizes

- BVS EcoTouch 55inch ETA551 - less £200 (ex. VAT) on the above prices;
- BVS EcoTouch 70inch ETA701 - plus £600 (ex. VAT) on the above prices.

Optional Video Conferencing Package

The high quality video conferencing package provides a high definition webcam with stereo microphones, the *ZOOM Cloud Meetings* app and training - plus £213 (ex. VAT) on the above prices.

Optional External Speakers

Wall mounted (or on trolley) high quality BVS amplified 60W speakers - plus £79 (ex. VAT) on the above prices.

Optional Fixed Height Mobile Trolley

A versatile yet sturdy trolley for moving from room to room. An Integrated shelf is included for housing a laptop and accessories - plus £295 (ex. VAT) on the above prices.

Complimentary Meeting Application

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Specification

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Screen Size	65 inch
Product Size W x H x D (mm)	1504 x 902 x 85
Display Area W x H (mm)	1431 x 807
Aspect Ratio	16:9
Brightness	450 cd/m2
Contrast Ratio	4000:1
Viewing Angle	178°
Resolution	1920 x 1080
Touch Resolution (Interpolation)	32768 x 32768
Colour	16.7M
Lifetime (hours)	80,000
Speakers	2 x 15W (Front)
Touch Technology	Infrared 10 point touch
Pixel Pitch (mm)	0.7495 x 0.7495
Response Time	≤ 4ms
Touch Point Accuracy	± 1.5mm
Camera	5 Megapixel CMOS Sensor, Supports 1080p Video Recording
Microphone	Directional Microphone
Interface	USB 2 x USB 2.0, LAN, 10/100M Ethernet, Wi-Fi, 802.11b/g/n
Processor	Intel® Atom (Quad-core) Z3735F (2M Cache, up to 1.83 GHz)
RAM	2GB (DDR3L-RS 1333)
Internal Memory	64GB
Operating System	Android 4.4.4 KitKat
Positioning Accuracy	± 2mm
Touch Compatibility	10 Point Touch – Android, Linux, Windows XP/2003/Vista/7/8/10 and 1 Point Touch – Mac (Landscape Only)
Power Supply	AC110-240V (50Hz-60Hz)
Power Consumption (W)	≤ 180W
Power Consumption (standby)	≤ 0.5W
VESA Holes W x H (mm):	600 x 400
Touch Times	Unlimited
Inputs (front)	Touch USBx1, HDMI x 1, PC USB x 3
Inputs (side)	AV/Audio, RS232 Port, VGA/Audio. HDMI, USB, Touch USB
Accessories	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial
Package Size W x H x D (mm)	1735 x 1165 x 315
Net Weight (kg)	67
Gross Weight (kg)	77
Options	Video Conferencing Package, Special Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand

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