

# Essential Technology for Education



Issue 17 Summer 2010

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## Over 10 Years' Experience

Smarteducation has over ten years' experience of supplying audio-visual equipment and supporting products to educational establishments.

The education market is our primary focus, so you can be sure we have the knowledge, expertise and ability to support and guide you in selecting the right products for your organisation.

Our product range includes multimedia projectors, interactive whiteboards, plasma screens and computers along with accessories to compliment the entire range.

In recognition of Smarteducation's position in the market, we have good relationships with major manufacturers including SMART Technologies, Promethean, BenQ and Hitachi. Smarteducation is an official accredited Elite supplier of SMART Technologies' products.

### Smart advice and Technical Support

Our staff are trained in the use and recommendation of suitable audio-visual solutions for all kinds of scenarios. As an independent company, our recommendations will be based entirely upon their suitability for your needs. We also offer advice on what to look for when choosing products, and can even arrange free demonstrations.

### Price Promise

If you are quoted a cheaper price for the same products elsewhere, please call us to see if we can better it.

## There's nothing virtual about Smarteducation!



### Company Offices & Warehousing

Smartvisual is not an internet-based company, contactable only by email, we take pride in our 'real-world' offering to clients, meaning that we can provide additional and ongoing support with their purchases as well as credit and finance facilities along with demonstration suites.

We consider our website to complement our offering by giving easy, twenty four hour access to information about us and the latest information about the key products, live stock information and services that we supply.

### Regional Client Account Managers

Smarteducation have dedicated Client Account Managers for each region of the country who can help support and guide you to choosing the best solution for your needs.

### Technical Support Department

Our in-house technical support department is available to answer your queries by phone as well as by email during office hours.

### Asset Management & Support

Complementing our telephone and email technical support is our online support and asset management service called 'Managed Support'. Our clients who use the system find this an invaluable tool for keeping track of their assets and any support issues that may arise.

As we receive any information, this will be logged into Managed Support for you to view straight away. You will also be notified automatically by email of any developments, so that at any time you will always know what's happening to your equipment. For example you might login to be presented with a message telling you that your projector is currently being returned from the manufacturer having been repaired.

Managed Support is accessible at [www.managedsupport.co.uk](http://www.managedsupport.co.uk) or through the parent website ([www.smarteducation.co.uk](http://www.smarteducation.co.uk))

### Demonstration Facilities

Our offices also include a conference rooms suitable for product demonstrations and video conferencing, should you wish to 'try before you buy'. We can also arrange this service on-site at your organisation's premises.

#### Contact Details

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# Smartvisual Technology Day

Smartvisual opens its doors for its first of several Technology Days. Schools, Colleges and Universities are invited to attend one of the days below to come and see a range of products including the revolutionary Casio LED projector with a staggering 20,000 hrs light source life. Other vendors include:-

- Hitachi - ultra short throw projectors
- BenQ - standard and short throw projectors
- Kramer - switching and control
- SMART - interactive whiteboards, audience response systems, smart slate
- Netsign - digital signage
- Vision - audio systems, connectivity and mounts

The day will be organised as a small exhibition where all of the above products will be on display to touch and feel along with staff to answer any questions you may have. In addition to the display area there will also be a number of small seminars / demonstrations running at specific times of day covering the following topics:-

- Digital Signage
- The new Casio LED Projector
- Smart Response

Please complete the priority booking form at the foot of the page to confirm your attendance. Upon receipt of your confirmation, we will send a letter confirming your attendance and directions to find us. We look forward to seeing you.

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## Reserve your place at the Smartvisual Technology Day

### Priority FAX Back

Please complete and fax to 0844 414 2317 (or cut and post)

Name \_\_\_\_\_

Position \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

#### Please tick Product interest:-

- Interactive Whiteboards
- Slates
- Audience Response Systems
- Standard Throw Projectors
- Short Throw Projectors
- Ultra Short Throw Projectors
- Classroom Audio
- Switching & Control
- Digital Signage

#### I would also like to attend the following demonstration:-

- 10:00am Smart Response
- 11:00am Digital Signage
- 12:00 The Casio LED Projector
- 1:00pm Smart Response
- 2:00pm Digital Signage
- 3:00pm The Casio LED Projector

Please confirm whether you will attend in the morning or afternoon and the number of additional colleagues attending:-

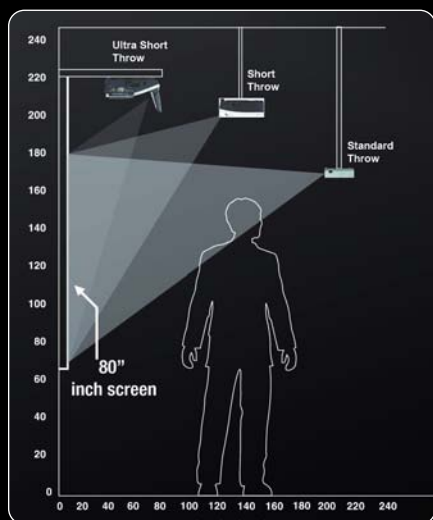
- I will be attending in the morning
  - I will be attending in the afternoon
- Total number attending \_\_\_\_\_  
Day:  09/06/2010 or  10/06/2010

# 'Ultra short throw' projectors are safer than the standard model, says agency's expert

Schools should consider buying new interactive whiteboards that cost twice as much as the standard models but eliminate the risk to pupil and teacher safety, according to a government-funded agency.

Becta, the body for ICT in education, says looking directly at the beam for too long can permanently damage eyesight.

"Ultra short throw" whiteboard projectors "provide a safer classroom environment" by preventing people from staring into the beam, according to Steve Creed, head of technical testing and evaluation at Becta. (Source: Published in The TES on 26 March, 2010)



## What is Short Throw?

Short Throw projection is the ability to project high quality large images over considerably shorter distances than normal throw projectors. This is especially beneficial when trying to project in tight spaces or small rooms.

An example of Short Throw, with a distance-to-width ratio of 0.5, the projector would need to be positioned 0.5m from the screen to achieve a 1m wide image.



Projector Shown Hitachi EDA-101

## Ultra Short Throw or Short Throw?

There are now a number of Short Throw projectors on the market (see products listed on page 5), but very few Ultra Short Throw (see current models below for Ultra Short Throw). Ultra short throw models can

generally project a 60inch diagonal image from about 40 cm away (or 12cm from projector body), where as a short throw projector would need to be positioned typically 70cm or more away from the screen.

## What are the benefits of Short Throw?

Reduced throw distance and high angle projection capability means the projector can be placed in close proximity to the screen, bringing shadow-free images and greater flexibility for the user.

The reduced projection distance and high angle of projection allows teachers and students alike to stand in front of the board without standing in a direct beam of light from the projector.

## Ultra Short Throw Projectors



### Hitachi EDA-101

Featuring unique Hitachi Optical technology, the EDA-101 has an ultra short hrow capability delivering 60" projection screen at only 42cm.

- 2000 ANSI Lumens
- XGA Resolution
- 3500 lamp hours in eco mode
- 3 year deinstall/reinstall warranty

£883 +VAT



### BenQ MP772ST

The First Ultra Short Throw DLP solution for the closest image possible.

- 2500 Lumens
- XGA resolution
- Filter Free Design
- Throw 60" at 37cm
- 3 year deinstall/reinstall warranty



### Epson EB-440W

The EB440W can project a bright wide image of 70" from only 16cm, making it ideal for the classroom environment

- 2200 Lumens
- WXGA resolution (wide screen)
- 3500 lamp hours in eco mode
- 3 year deinstall/reinstall warranty
- Other models available including option for built in interactive whiteboard.

£959 +VAT

# BenQ



De-install  
Re-install  
Warranty

BenQ MP772ST

## MP772ST DLP XGA Interactive Whiteboard Projector

£775 +VAT

Interactive whiteboards (IWB) are one of the best education tools available, promoting student participation, higher information retention, and outright learning fun. Optimising interactive whiteboard use is BenQ's Short-Throw Projector Series. With a unique aspherical lens, BenQ short-throw projectors can be ceiling-mounted as close as 1 meter from the whiteboard, preventing disruptive shadows from being cast on the board.

- Native Resolution: DLP XGA (1024 x 768)
- Brightness: 4000 ANSI lumens
- Contrast Ratio: 2400:1
- Throw Ratio: Short-Throw 0.6:1 (81" at 1M)
- Weight: 3.5 kg
- Filter free design
- 3D Ready & Crestron LAN enabled
- Hardware Warranty: 3 years onsite deinstall/Reinstall
- Lamp Warranty: 3 year (2000hr)
- Also available in WXGA - MP782ST, & High Brightness - MP776ST

### Coming Soon !

The First Ultra Short Throw DLP solution for the closest image possible.

- Resolution: DLP XGA (1024 x 768)
- Brightness: 2500 ANSI lumens
- Contrast Ratio: 3000:1
- Throw Ratio: 0.3:1 (60" @37cm)
- Filter free design
- 3D Ready & Crestron LAN enabled
- USB & LAN Display.



coming  
Summer  
2010

### Smart Advice

#### Brightness

An important consideration dependent on the type of venue. It is measured in ANSI Lumens. In short, the higher the Lumens, the brighter the projector, but they can be larger and heavier.

#### Resolution

Related to the resolution of the computer, determining the sharpness and clarity of the picture once projected. The higher the resolution, the better the picture. The most popular resolutions are SVGA (800 x 600) and XGA (1024 x 768). Ideally the projector should have the same native resolution as the resolution in use on the computer.

#### Lamp life

Lamps will need replacing occasionally, making the number of standard lamp hours and the cost of a replacement important considerations. Many projectors have a standard lamp life of 2,000 hours with economy modes extending this to 3 or 4,000.

#### Size and weight

These are key factors when considering what it will be used for. A smaller, lighter projector will obviously be more suited for portable use, however such projectors often command a higher price and the standard of resolution and brightness may be lower.

#### Warranty

Most projectors come with a warranty, but it is worth checking that the details meet your school's needs.

Please call your Account Manager for warranty details.

#### Short Throw

BenQ



#### MP525ST

Perfect IWB boom partner for smaller boards, or ceiling mounted solution, this zoom-able solution will fit even the smallest budget..

- 2500 ANSI Lumens
- DLP XGA Resolution
- 2.4 kgs
- 2000 lamp hours
- 3 year deinstall/reinstall warranty (3 year/2000hr lamp warranty)

£409 +VAT

#### Standard Throw

BenQ



Best  
Buy

#### BenQ MP626

Ceiling mounted projector with cutting edge projector technology.

- 2500 Lumens
- DLP XGA resolution
- 2.4 Kgs
- 2000hr Lamp Life
- Filter free design
- 3D Ready & Crestron LAN enabled
- 3 year deinstall/reinstall warranty (3 year/2000hr lamp warranty)

£399 +VAT

#### Suitable for Hall

BenQ



#### BenQ MP777

High brightness projection for large classrooms and halls, without colour compromise.

- 4000 ANSI lumens
- DLP XGA resolution
- 3.5 kgs
- Filter free design
- 3D Ready & Crestron LAN enabled
- 3 year warranty (1 year/2000hr lamp warranty)

£828 +VAT

## Standard Throw Projectors



## Nec NP215EDU

The NEC NP215 is aimed at the education sector and offers superb value for money along with outstanding performance and an EDUCATION warranty.

- 2500 ANSI Lumens
- XGA Resolution
- 5,000 lamp hours in eco mode
- 3 year de-install/re-install warranty (3 year/2000hrs on lamp)

£356 +VAT



## Nec NP310EDU

Extremely flexible, professional LCD Projector - predestined for business and educational use

- 2200 ANSI Lumens
- XGA Resolution
- 5000 lamp hours in eco mode
- 3 year de-install/re-install warranty( 3 year/2000hrs on lamp)

£383 +VAT



## Hitachi CP-RX78

For the highest quality image, look no further than the CP-RX78. This affordable projector is built with the exacting standards you've come to expect from Hitachi.

- 2200 ANSI Lumens
- XGA Resolution
- 6,000 lamp hours in eco mode
- 3 year return to base warranty (6 months/6000hrs on lamp)

£320 +VAT

## Casio XJ-A130

Go green with the revolutionary LED projector from Casio.

Longer light source life Use of the laser and LED hybrid light source increases the light source life to approximately 20,000 hours



- XGA (1024 x 768)
- 2000 ANSI lumens
- Light source up to 20,000hrs
- 5 years/10,000hrs warranty

## Short Throw Projectors



## Nec NP610S EDU

Full-featured yet affordable, the NP610S EDU portable projector delivers an ideal short throw distance solution for education.

- 2600 Lumens
- XGA resolution
- 3.3 Kgs
- 4000 lamp hours in eco mode
- 3 year de-install/re-install warranty (3 year/2000hrs on lamp)

£622+VAT



## Nec NP510WS EDU

Like the 610S, the NP610SW EDU portable projector delivers an ideal short throw distance solution for education, but in true wide screen

- 2100 ANSI Lumens
- WXGA (1280 x 800) Resolution
- 3.3 Kgs
- 4000 lamp hours in eco mode
- 3 year de-install/re-install warranty (3 year/2000hrs on lamp)

£653 +VAT



## Hitachi CP-D10

Project large, bright images in limited space with Hitachi's new CP-D10. The CP-D10 can deliver an impressive 80" image from less than a metre away.

- 2000 ANSI Lumens
- XGA Resolution
- 3.5 Kgs
- 4000 lamp hours in eco mode
- 3 year loan exchange warranty (6 months/2000hrs on lamp)

£653 +VAT



## BenQ MP525ST

Perfect IWB boom partner for smaller boards, or ceiling mounted solution, this zoom-able solution will fit even the smallest budget..

- 2500 ANSI Lumens
- DLP XGA Resolution
- 2.4 kgs
- 2000 lamp hours
- 3 year deinstall/reinstall warranty (3 year/2000hr lamp warranty)

£409 +VAT

## Hall Projectors



## Nec NP1250

For a variety of education uses, professional installation projector with 5 optional bayonet lenses and Plug & Play network function.

- 3700 Lumens
- XGA resolution
- 7.5 Kgs
- 3000 lamp hours in eco mode
- 3 year warranty (6 months/2000hrs on lamp)

£1,265 +VAT



## Nec NP3250

Top performer for multiple education applications , installation projector with intense brightness, 5 optional bayonet lenses and Plug & Play network function.

- 5000 Lumens
- XGA resolution
- 7.5 Kgs
- 3000 lamp hours in eco mode
- 3 year warranty (6 months/2000hrs on lamp)

£1,967 +VAT



## Hitachi CP-X450

Equipped with our new Hybrid filter, the CP-X450 reduces your total cost of ownership with less frequent maintenance cycles.

- 3500 Lumens
- XGA resolution
- 3.6kgs
- 3000 lamp hours in eco mode
- 3 year warranty (6 months/2000hrs on lamp)

£884 +VAT



## Hitachi CP-X807

Ideal for medium and large venues, the CP-X807 is an affordable solution for both corporate and education markets.

- 5000 Lumens
- XGA resolution
- 7.1kgs
- 3000 lamp hours in eco mode
- 3 year warranty (6 months/2000hrs on lamp)

£2,396 +VAT

## Acer Aspire AS1410-742G25N Laptop

**£308  
+ VAT**



The Aspire 1410 is ready for extended digital mobility and solid all-around performance. This 11.6" notebook is less than 1" thin but features a full-size keyboard and advanced HD audio/visual components. Topping it off, there are three cool colours to choose from: Ruby Red, Diamond Black and Sapphire Blue. This notebook weights just 1.35 kg, making it extremely easy to take wherever you go.

### Features:

- Processor - Intel Celeron 743 (1.3GHz, 1MB L2),
- RAM - 2 GB (installed) / 4 GB (max) - DDR2 SDRAM ( 1 x 1 GB )
- Hard Drive - 250 GB - Serial ATA-150 - 5400 rpm
- Operating System - Microsoft Windows 7 Home
- Screen - 11.6" HD Acer LED LCD (1366x768)
- Multi card reader
- Graphics - 64 MB
- Manufacturers warranty - 1 year

acer



### TravelMate 8531-743G25Mn

- 15.6 inch HD Screen
- Intel Celeron 743 1.3 Ghz
- 3GB DDR2 SDRAM, 250GB HDD
- DVD-RW drive
- 54Mbs Internal Wireless LAN
- Bluetooth
- Multi Card Reader
- Genuine Windows 7 Professional

£349 +VAT

acer



### TravelMate 8331-742G16Mn

- 13.3 inch HD Screen
- Intel® Celeron 743 1.3Ghz
- 2GB DDR2 SDRAM, 160 GB HDD
- 54Mbs Internal Wireless LAN
- Bluetooth, Webcam
- Multi Card Reader
- Finger Print reader
- Genuine Windows 7 Professional

£379 +VAT

acer



### TravelMate 5730-652G32Mn

- 15.4 inch Screen
- Intel® Core™2 Duo processor T6570
- 2GB DDR2 SDRAM, 320 GB HDD
- DVD-RW drive
- 54Mbs Internal Wireless LAN
- Bluetooth, Multi Card Reader
- Genuine Windows 7 Professional

£399 +VAT

acer



### TravelMate 8471-353G25MN

- 14 inch Screen
- Intel Core 2 Solo SU 3500
- 3GB DDR2 SDRAM, 250 GB HDD
- DVD-RW drive
- 54Mbs Internal Wireless LAN
- Bluetooth, Webcam
- Genuine Windows Vista® Business

£556 +VAT

### Complete range of laptop storage/charging trolleys available.

Options include, built-in charging, built-in usb's, built-in RJ45 sockets, built-in 10/100 network switch and various feet and floor/wall locking mechanisms.

from £779 +VAT



## Endurance Desktop Computers



Includes  
17" TFT  
Screen

### Endurance A Series

- AMD Sempron 2800
- 256 MB DDR RAM
- 40 GB hard drive
- 17 inch TFT screen
- Built in floppy disk drive
- Built in DVD ROM
- Optical mouse & keyboard
- Built in 10/100 Network Card
- USB ports

£Call



Includes  
17" TFT  
Screen

### Endurance C Series

- Intel Celeron D 352
- 256 MB DDR RAM
- 40 GB hard drive
- 17 inch TFT Screen
- Built in floppy disk drive
- Built in DVD ROM
- Optical mouse & keyboard
- Built in 10/100 Network Card
- USB ports

£Call

## Smart Advice

### About Interactive Whiteboards

Interactive whiteboards combine the simplicity of a whiteboard with the power of a computer. With an image projected onto the board, you simply press on the surface to access and control any application.

### Which Interactive Whiteboard?

When it comes to choosing an interactive whiteboard, there are different technologies that are adopted by the different brands available. Deciding which technology will suit the situation better can determine which brand of board to go for. These technologies can be broken down into two main types: touch sensitive boards and hard surface boards.

### Touch Sensitive Boards

Touch sensitive boards work using membrane technology where the surface of the board is touch sensitive. Additionally, the membrane technology allows you to use almost anything to control the board. This can be particularly useful for complete interaction and a 'hands on' experience. For the touch sensitive option, SMARTeducation offer the SMART Board.

### Hard Surface Boards

Hard surface boards utilise digital technology working on electro-magnetic boards. These commonly have electro-magnetic pens which send signals to pinpoint where the board is being used. Such pens can be rechargeable, have batteries or simply work independently. Some would say that hard surface boards offer a more durable option. The Promethean ACTIV board is a hard surface option.

## Promethean ActivBoard+2

There is always room for improvement but the new Activboard+2 has got it all. Taking the many benefits of its predecessor but now with a little more finesse and style.

This integrated interactive whiteboard solution is fully adjustable (optional) with a height range of 60cm; simply slide the Activboard to the desired position and its ideal for all teachers and students. The short throw projector is fixed just one metre from the board so it virtually eliminates shadows while projecting crystal-clear images. Now including extra security features, a lockable brake allows the height-adjustment to be locked by users if required.

What's more, as there's no need to drill into the ceiling, installation of the new system ensures there's minimal disruption in the classroom. That's not all, the new Activboard+2 comes with a ActivInspire at no extra cost. This solution really does offer great value.



Model	Diagonal	Price	Model	Diagonal	Price
164 Fixed Height	64 inches	£1,935 +VAT	387 Fixed Height	87 inches	£2,219 +VAT
378 Fixed Height	78 inches	£2,077 +VAT	395 Fixed Height	95 inches	£2,361 +VAT
378 PRO Fixed Height	78 inches	£2,219 +VAT	Please call for height adjustable options and colours		

## Promethean ActivBoard

A UK company, Promethean enjoy worldwide success with their range of 'ACTIV boards'. The boards are hard wearing and are controlled using intuitive cordless battery-free pens which have an excellent tracking rate. For use in all education establishments, the boards are supplied with Promethean's easy-to-use content-rich 'ActivInspire' software.



Image of Activboard 300 series

Model	Diagonal width (Inches)	Price
ActivBoard 164	64	£724 +VAT
ActivBoard 378	78	£1,063 +VAT
ActivBoard 378 PRO	78	£1,207 +VAT
ActivBoard 387	87	£1,207 +VAT
ActivBoard 387 PRO	87	£1,353 +VAT
ActivBoard 395	95	£1,353 +VAT
ActivBoard 395 PRO	95	£1,497 +VAT

## Hi-Lo Mobile Interactive Whiteboard Solution

The Hi-Lo 500 Interactive Whiteboard Trolley allows a complete mobile interactive whiteboard set-up to be transported around a building with the minimum set-up time. The 500mm height adjustment allows pupils and teachers of all heights, access to the full whiteboard. The base is designed to allow wheelchair users close access to the board. The Hi-Lo Mobile solution is suitable for all sizes of interactive whiteboards and is available with different boom arm and fittings to accommodate any short throw projector.

£1,399 +VAT price excludes interactive whiteboard and projector



Also available for Smartboards

## Promethean ActivSlate

For those who like to get amongst their audience and encourage participation, the ActivSlate has all the interactive functionality of the ActivPanel, yet allows the presenter to move around the room and can be passed on to audience members for their contribution.

£173 +VAT\*

\* Requires ActivHub (£50.00 +VAT)



## Promethean ActivPanel

For larger audiences, presenters can still access the functionality of Promethean's ACTIVboard, but using a portable solution, the ACTIVpanel. Easily placed on a lectern, the ACTIVpanel is an interactive LCD pen display that has been designed as an interactive presentation tool for use in large seminar rooms, auditoriums and training rooms.

£966 +VAT



## SMART Board Interactive Whiteboard

The SMART Board's touch sensitive surface means that a finger or a SMART pen can be used to operate it and make notes. The new 600 series features clean, contemporary styling and easy connectivity by USB port with an option of wireless operation by Bluetooth. Buttons on the pen tray activate the on-screen keyboard, help and mouse right click.



Model	Diagonal width (Inches)	Price
SMART Board 660	64	£857 +VAT
SMART Board 680	77	£1,076 +VAT
SMART Board 685	87	£1,217 +VAT
SMART Board 690	94	£1,355 +VAT

## SMART Slate

SMART Slate is a wireless slate that enables you to teach from anywhere and allows students to interact with information from their seats. Multiple slate users can write at the same time.



- 9 3/4 inch diagonal area
- 27.9 x 25.7 x 2.5 cm
- 0.9 Kgs
- 3 year limited warranty

£205 +VAT

## SMART Podium

These interactive consoles are ideal for use on a lectern. They can be used like a SMART Board to interact with a PC or laptop. SMART podium gives you the ability to interact with an image that can be displayed using a projector.



Model	Price
ID350	£942 +VAT
ID370	£1,237 +VAT
DT770	£1,557 +VAT

## SMART Board 600i (3)

The new 600i incorporates a SMART Board 600 interactive whiteboard and a short throw Unifi 55 projector with an improved image and enhanced boom.

- Significant shadow reduction
- One button start up
- High off set, short throw projector XGA (1024 x 768, 2000 ANSI lumens)
- DLP brilliant colour



Model	Diagonal width (Inches)	Price
SMART Board 660	64	£1,967 +VAT
SMART Board 680	77	£2,186 +VAT
SMART Board 685	87	£2,427 +VAT

## SMART Ideas

SMART Ideas concept-mapping software makes complex ideas easier for students to understand. It lets you create multi-level maps that take students through concepts one level at a time for greater clarity.

Single Licence  
£43 +VAT

School Licence  
£1,277 +VAT

Please call for volume pricing



## SMART Sync

SMART Sync classroom management software allows teachers to provide a safe environment in which to learn. SMART Sync software enables the teacher to monitor student screens, control any student computer and give and mark quizzes.

11-20 Computers £506 +VAT  
21-40 Computers £608 +VAT

\*Prices quoted are site licences with the appropriate amount of student computers  
Please call for other quantities



## SMART Board 685ix Ultra Short Throw Projector and wide screen Interactive Whiteboard

Experience interactivity like never before with the SMART Board 685ix interactive whiteboard system. As the world's first ultra-short-throw interactive whiteboard system, the 685ix combines an ultra-short-throw projector with a widescreen interactive whiteboard. The 685ix offers you unparalleled image quality, a precise touch experience and a large interactive surface for teaching and learning.

The system's ultra-short-throw projector, the SMART UX60, virtually eliminates shadows, glare and distracting projector light. It is positioned directly above the interactive whiteboard, projecting crisp, bright images from only 12" (30.5 cm) away.

£3,215 +VAT



## SMART Bridgit

Bridgit conferencing software is fully integrated with SMART Board interactive whiteboards. Users can share voice, video and data over the internet with this simple to use conferencing tool. Teachers can reach remote students from their classroom enabling more effective distant learning.

Bridgit Server software with 5 concurrent licences  
£3,699 +VAT

Bridgit Server MAX User Licence (500 Users per server)  
£1,644 +VAT



## SMART Document Camera

Instantly display real-time images of any static or moving object onto an interactive whiteboard for your entire class to see. You can also capture images with SMART Notebook collaborative learning software and use them to create interactive lessons. The SMART Document camera is the only product that is integrated into its SMART Notebook Software.

£599 +VAT



## Danefields

### Improving Learning Outcomes with SMART Response

Situation in the village of Williton, Somerset, Danesfield Church of England School is the only specialist middle school in its county. With around 420 pupils, the 9 – 13 Specialist Science School has enthusiastically embraced ICT and has installed SMART Board™ interactive whiteboards in every classroom.

Gregg Mockridge, Assistant Head Teacher, oversees the school's comprehensive training programme and observation schedule designed to ensure that all teachers are proficient users of the SMART Board and Notebook™ software - an easy-to-use application that enables teachers to create their own lesson resources. Gregg comments "Notebook software is central to our whole class teaching philosophy. It has changed the way our teachers understand how pupils learn. They are now more aware of the impact of personalised learning and can provide a whole range of learning experiences to best suit the needs of their pupils."

SMART Boards are having a positive impact on learning outcomes and classroom management. The enthusiasm for SMART Boards amongst staff is also reflected in pupil behaviour. Gregg explains "Because of the way the teachers use their SMART Boards, the pupils are more engaged in their lessons and we have minimum time-outs in the classroom. Such statistics reinforce how ICT really is helping schools to achieve greater success in the classroom." Encouraged by these results, Gregg introduced SMART Response the interactive response system from SMART Technologies to encourage reflective learning amongst pupils and help teachers objectively assess pupil progress.

"I compared other interactive voting systems in the market but none were better for functionality, ease of use and value for money than SMART Response."

Simply by pressing the appropriate button on the SMART Response handset, pupils can answer questions set by their teacher. Because it seamlessly integrates with Notebook software, teachers at Danesfield have incorporated it into their lesson plans, frequently using it as a "starter" to a lesson.

Katrina Avery, a teacher at Danesfield, often uses SMART Response during and at the end of a lesson to display three faces – happy, wobbly and sad. Katrina explains "The pupils vote to let me know how they have understood a concept or task without feeling embarrassed if they didn't understand it. This feedback helps me to direct the rest of the lesson or future lessons."

Used as a diagnostic tool, SMART Response has helped teachers eliminate common misunderstandings. For example in a mathematics lesson, pupils were asked the following question:  $75 + ? = 100$ . This highlighted a common misconception amongst many of the pupils with several answering '35'. When the pupils were asked to justify their answer considering those that had answered correctly; they were instantly aware of the mistake they had made. Gregg comments "This example shows that SMART Response enabled the pupils to gain a deeper level of understanding as opposed to making an assumption and sticking with it. The fact that individual pupils reported their assumption to the whole class enabled the teacher to ask them to reconsider their thinking process; ensuring that this type of mis-conception did not impact on future learning."

Name	Student ID	Last Score	First Score	Average	Problem set P	Approximating	Score/Total
Adam	1001	100	100	100			
Alexander	1002	100	100	100			
Ben	1003	100	100	100			
Benji	1004	100	100	100			
Benji	1005	100	100	100			
Benji	1006	100	100	100			
Benji	1007	100	100	100			
Benji	1008	100	100	100			
Benji	1009	100	100	100			
Benji	1010	100	100	100			
Benji	1011	100	100	100			
Benji	1012	100	100	100			
Benji	1013	100	100	100			
Benji	1014	100	100	100			
Benji	1015	100	100	100			
Benji	1016	100	100	100			
Benji	1017	100	100	100			
Benji	1018	100	100	100			
Benji	1019	100	100	100			
Benji	1020	100	100	100			
Benji	1021	100	100	100			
Benji	1022	100	100	100			
Benji	1023	100	100	100			
Benji	1024	100	100	100			
Benji	1025	100	100	100			
Benji	1026	100	100	100			
Benji	1027	100	100	100			
Benji	1028	100	100	100			
Benji	1029	100	100	100			
Benji	1030	100	100	100			
Benji	1031	100	100	100			
Benji	1032	100	100	100			
Benji	1033	100	100	100			
Benji	1034	100	100	100			
Benji	1035	100	100	100			
Benji	1036	100	100	100			
Benji	1037	100	100	100			
Benji	1038	100	100	100			
Benji	1039	100	100	100			
Benji	1040	100	100	100			
Benji	1041	100	100	100			
Benji	1042	100	100	100			
Benji	1043	100	100	100			
Benji	1044	100	100	100			
Benji	1045	100	100	100			
Benji	1046	100	100	100			
Benji	1047	100	100	100			
Benji	1048	100	100	100			
Benji	1049	100	100	100			
Benji	1050	100	100	100			
Benji	1051	100	100	100			
Benji	1052	100	100	100			
Benji	1053	100	100	100			
Benji	1054	100	100	100			
Benji	1055	100	100	100			
Benji	1056	100	100	100			
Benji	1057	100	100	100			
Benji	1058	100	100	100			
Benji	1059	100	100	100			
Benji	1060	100	100	100			
Benji	1061	100	100	100			
Benji	1062	100	100	100			
Benji	1063	100	100	100			
Benji	1064	100	100	100			
Benji	1065	100	100	100			
Benji	1066	100	100	100			
Benji	1067	100	100	100			
Benji	1068	100	100	100			
Benji	1069	100	100	100			
Benji	1070	100	100	100			
Benji	1071	100	100	100			
Benji	1072	100	100	100			
Benji	1073	100	100	100			
Benji	1074	100	100	100			
Benji	1075	100	100	100			
Benji	1076	100	100	100			
Benji	1077	100	100	100			
Benji	1078	100	100	100			
Benji	1079	100	100	100			
Benji	1080	100	100	100			
Benji	1081	100	100	100			
Benji	1082	100	100	100			
Benji	1083	100	100	100			
Benji	1084	100	100	100			
Benji	1085	100	100	100			
Benji	1086	100	100	100			
Benji	1087	100	100	100			
Benji	1088	100	100	100			
Benji	1089	100	100	100			
Benji	1090	100	100	100			
Benji	1091	100	100	100			
Benji	1092	100	100	100			
Benji	1093	100	100	100			
Benji	1094	100	100	100			
Benji	1095	100	100	100			
Benji	1096	100	100	100			
Benji	1097	100	100	100			
Benji	1098	100	100	100			
Benji	1099	100	100	100			
Benji	1100	100	100	100			

#### No more "invisible pupils"

Teachers noticed that female pupils did not want to put their hands up to answer a question even when they knew the answer, especially in Mathematics and Science classes. Using SMART Response this problem has now disappeared with everyone in the class participating in question and answer sessions. SMART response has extended the female voice in the classroom.

Katrina Avery, a teacher at Danesfield, comments "With SMART Response there are no more "invisible pupils". Every pupil is on an equal level. One of my pupils is on the autistic spectrum with language and communication problems. I had

tried various teaching techniques to engage him but had little success. However since introducing SMART Response into lessons I have found a way for him to communicate. He now actively participates in lessons and is eager to learn."

#### Encouraging reflective learning

Danesfield School encourages reflective learning amongst its pupils and SMART Response has helped the school achieve this. "Pupils now think about the "how and why" rather than just learning by heart. They can understand what they do wrong in an activity. SMART Response encourages reflective learning which is key to their development. This way of learning is helping our pupils improve retention of lessons and in turn this is reflected in improved learning outcomes we are experiencing," comments Gregg.

Last year 20 out of 31 pupils in Year 7 Set 2 maths did not reach the required target. Since using SMART Response all but 2 of the 31 pupils from that same class met or even exceeded the required target. Gregg believes that "This improvement is down to using SMART Response. This type of statistic - where you have a like-for-like year-on-year comparison - really proves the power of SMART Response. It is more than an interactive voting system. It helps us gain a deeper insight into pupils understanding of a topic and provide a more personalised lesson to suit the needs of our pupils."



# Case Study

"SMART Response encourages reflective learning amongst pupils which is key to their learning development."

Gregg Mockridge,  
Assistant Head  
Teacher



### Early, instant insight with SMART Response

**Key features**

The SMART Response interactive response system is fully integrated with SMART Notebook software, so it links you to numerous education resources.

- Notebook software resources
- Question variety
- Flexible assessment options
- Instant feedback
- Import and export using other software
- Export results for grading and record keeping
- Print quizzes and study guides

24 handsets:  
**£516 +VAT**

32 handsets:  
**£564 +VAT**



### Early, instant insight with SMART Response LE



The first years of a child's education are the building blocks to their future successes.

With SMART Response LE you can gain accurate and immediate insight into pupil understanding, ensuring they are on track from the beginning. The SMART Response LE interactive response system is simply designed, colourful and integrates with SMART Notebook™ collaborative learning software. With a range of easy-to-understand symbols on their handheld remotes, pupils of all levels of reading ability can use the big buttons to answer questions, receive instant feedback and stay engaged in lessons.

24 handsets:  
**£516 +VAT**

32 handsets:  
**£564 +VAT**

## Smart Advice

Engaging pupils and motivating them to participate during lessons is challenging, and when teachers actually do get a show of hands, how can they understand what pupils really know? Marking homework and tests has a place, but what about being able to assess pupil performance in time to make a difference - while they are still in the classroom? This is where Audience Response Systems can make a massive difference.

### How do they work?

Audience Response Systems (ARS), sometimes called Group Response Systems or Voting Systems, are computer-based systems that allow audience members to participate in presentations by submitting their responses to interactive questions using hand-held devices or response pads.

### What are the benefits?

An audience response system improves productivity and results for your school. For example, a group response system can dramatically increase student-teacher interaction and discussion in the classroom. With their personal wireless keypad, each student in the classroom can easily respond to PowerPoint-delivered questions presented to the entire class.

You can ask a question, get an answer from every pupil in the class, identify any weak pupils and, in the case of Turning Point get instant feedback and amend lessons while the pupils are still in the classroom.

### What can they be used with?

The software of many systems has been designed for use with Microsoft Office applications making it easy to use straightaway. The systems can be used in conjunction with interactive whiteboards.



## TurningPoint

Welcome to TurningPoint, the powerful multiple-choice assessment tool that works within Microsoft PowerPoint. TurningPoint creates instant reports during and after a lesson so you can use the assessment data to personalise future classes for each individual pupil.

### Key features

- Hundreds of mental starter and plenary activities included
- TurningPoint demographics help you track group performance
- TurningPoint participant monitoring
- Spontaneous questions allow you to work on the fly
- Generate response reports
- Works with or without an interactive whiteboard
- Full integration with Microsoft Office
- 1 year warranty against defects and accidental damage on handsets



24 handsets:  
**£1,099 +VAT**

32 handsets:  
**£1,399 +VAT**

**FREE 14 Day Trial or FREE Demonstration**

## Priority FAX Back

Please complete and fax to 0844 414 2317

Name \_\_\_\_\_ Position \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Email \_\_\_\_\_

Please tick Product interest:

- Smart Response       Turning Point  
 Smart Response LE

Please tick requirement:

- Free 14 Day Trial  
 Free Demonstration



create  
**impact** and **inform** with  
 netsign digital signage solutions



## Engage your audience Improve your communication

Digital Signage is a more effective method for communicating your message as well as being faster and more compliant than traditional printed posters and notice boards.

With numerous studies proving major improvements in content recall and sales uplift, Digital Signage is now becoming as mainstream as a website or a brochure and a key tool in solving an ever wider range of communication tasks and business problems.

The correct use of video, animation, images and text to create timely compelling relevant sticky content works to attract, retain and engage your audience. Simplified interfaces for content input enable widespread adoption of an internal communications network within an organisation and ensures content is fresh and alive. The Netsign Digital Signage and IPTV products provide a toolkit for achieving a solution for your communication needs, be it a single screen in a foyer, a wayfinder in a shopping mall or a large multi-country retail network.



The Netsign Content Player is a multi-zone, multimedia digital signage solution which allows you to divide any screen or projector into a series of zones. These zones can be set to play any sort of media including; video graphics, text, animations audio, RSS feeds, live internet content and much more. What's more, different users can have access to different zones and all of this can be done remotely over the network or internet (where available). The content player has built-in management software which is intuitive and simple to use. No additional software has to be loaded onto any users PC! Keeping running costs to a minimum by avoiding software licenses and upgrades.

### 5 simple steps to creating your own bespoke display communication

You access the content player through a standard web browser from a PC desktop. The content player's web server is compatible with the following browsers:-

Microsoft Internet Explorer  
 Mozilla Firefox  
 Apple Safari

#### 1. Upload Content

First you upload any media that you wish to use in your display. Media files can be loaded from your PC in two ways: Through the content player's in-

built File Manager, or by regular FTP process, for example using Windows Explorer.

#### 2. Select a layout

A Layout defines the geometry for your output display. Each Layout is made up of a number of different Zones (rectangular areas of pixels) which can contain different types of Media, for example video, html, text etc. The content player comes with many Layouts or your 'Media Manager' can easily design your own Layouts. You can build any number of Layouts within the Net-Top-Box which can be easily put into a Schedule to show at different times. For example, a different one for each day of the week or for different times of day.

#### 3. Select the required zone

Having picked your layout, you then pick the Zone within the Layout that you want to customise with the click of a mouse.

#### 4. Edit the zone's playlist

Each Zone has a Playlist, which is a list of references to Media to be displayed. Items on the playlist can come from media stored on the content player or can come from external sources such as the Internet, for example newfeeds or web pages, or even from a live TV input (subject to the media provider's permission).

#### 5. Activate the diary and layout

The final step is to click the 'Activate Schedule and Layouts' button and you are done!

# netsign Digital Signage Content Players



## Network Scalability

Based on the industry standard and proven FTP architecture with a proprietary intelligent file download mechanism, the Netsign solution scales up from a single cost effective appliance for your first screen to an Enterprise network with hundreds of players, and multiple content channels.

## Network Security

The content player is a Linux based Network Appliance with a built-in firewall that has been approved in applications requiring a high level of security e.g within Banking and the Government. A content player has no anti-virus software – it doesn't need it.

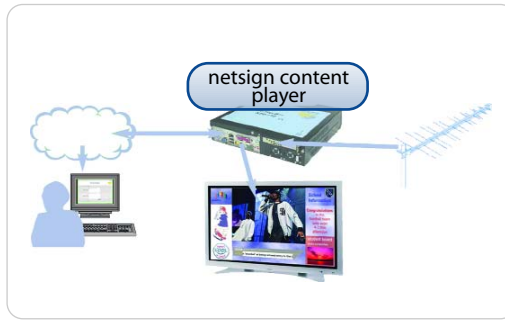


## Content Player

A small high-speed network appliance with built-in webservice allowing users to configure scheduled, zoned multimedia content for a variety of display screens

from **£825 +VAT**

Several different options available including rack mount and behind plasma mount. Call for details.



## Smart Advice

### What is Digital Signage?

Digital signage is a term used to describe how plasma display panels (PDPs), liquid crystal displays (LCDs), computer monitors, projectors and normal televisions are used to replace and enhance traditional signs.

### What are the advantages?

The advantages of digital signage include the rapid ability to update content, and the ability to deliver specific messages to specific audiences in specific locations.

### What should I Look for?

There are many products on the market today, including plasma/LCD screens with built in computers, hard drives and scheduling software. Information and content can be sent to these screens over a network and therefore, providing the network has internet access can be updated from anywhere in the world. The biggest down side of this type of product is the computer is built in, if the screen fails you will need to buy another with a built-in device. Also, there is no means of upgrading the screen. Another option is a computer running a software package that has the ability to schedule images at specific times of the day. These packages vary in functionality from something that has a single zone on the screen to multiple zones for carrying different content. The signal from this computer could be distributed to several screens. However, this kind of solution does have a limited capability and updating options. Currently the favoured option is a content player (such as Netsign) purposely built for running digital signage. Again, these can vary in capability, but the superior products will have built in scheduling software accessible from a web browser, built-in TV/digital tuner to run live feeds, multi zones that can be individually scheduled, zones that can contain RSS feeds, video streaming and playback all the major image and video formats. Lastly, the ability to use your existing network infrastructure.

**FREE 14 day trial, fully installed including 42inch screen!**  
(fill in the form below or call 0844 414 2316)

**FREE 14 Day Trial or FREE Demonstration**

## Priority FAX Back

Please complete and fax to 0844 414 2317

Name \_\_\_\_\_ Position \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Email \_\_\_\_\_

- Please tick requirement:
- Free 14 Day Trial (installed with existing screen)
  - Free 14 Day Trial with installtion and 42inch screen
  - Free Demonstration

## Smart Advice

### Why choose a plasma/LCD display?

The features and specifications of plasmas lend themselves to use as displays in school entrances, receptions, assembly halls and other areas where high visual impact and quality is required. With higher contrast ratios and panel brightness than TFT, plasma technology lends itself well to video content.

### What is a plasma display?

A plasma display (sometimes called PDP) is an emissive flat panel display where light is created by phosphors excited by a plasma discharge between two flat panels of glass.

### What sizes are available?

Plasma is a more mature technology in this sector and, as such, screen sizes of up to 65" can be achieved. These sizes are larger than those achievable by LCD and they have a very narrow profile in comparison with normal TV screens.

### Other features to look out for

Some screens feature advanced functions such as split and or multiple screen capability, portrait viewing options, 'text ticker' bars, multiple inputs and outputs, perhaps including remote control via a PC network. High Definition TV is just starting to become a feature of regular broadcasting and offers a significant improvement in image quality over the current norm. HD TV offers a higher resolution, digital image, with excellent colour quality and two to five times more detail than standard TV. This means that when viewing large images such as those on a plasma, you will find HD TV more comfortable to watch. If you want to watch HD TV make sure you choose a plasma which is 'HD ready'. Warranties are also an important consideration with plasmas. Many plasmas come with a one year warranty as standard, and in some cases extended warranties are available. Please call us for more information about this and for details of the numerous other makes and models of plasma screens available.

## 42 inch Commercial LCD Screen (42LD450)



**£550  
+ VAT**

2 year commercial warranty

### Sophisticated style and technology

42" HD 1080p LCD TV with built in freeview, 2 x HDMI and USB connectivity. The LG LD450 LCD TV series provides Full HD 1080p picture quality and built in freeview with a wide variety of connectivity including 2 HDMI and a USB connection for playback of your favourite pictures and videos.

- 42" widescreen Freeview LCD TV
- Gloss Black Design with swivel stand
- Scart, PC and twin HDMI Input
- 1366 x 768 (W-XGA)
- Headphone Socket
- Energy Saving

**New Range  
for 2010**



### LG 32LD320

32" HD Ready LCD TV with built in freeview and 2 HDMI. The LG LD320 LCD TV series is HD Ready 720p with invisible speaker technology to give you great picture and sound.

- 32 inch Wide XGA
- 16:9 Aspect Ratio
- 1366 x 768 Pixel Resolution
- 2 x HDMI Inputs
- 2 year Commercial Warranty

**£339 +VAT**



### LG 32LD450

You know it's time to start enjoying Full HD 1080p, and the LD450 is an easy way to get into it. A beautiful LCD with all of the innovations that make LG TVs a better viewing experience.

- 32 inch full 1080p
- 16:9 Aspect Ratio
- 1920 x 1080 Pixel Resolution
- 2 x HDMI inputs
- 2 year Commercial Warranty

**£389 +VAT**



### LG 37LD450

You know it's time to start enjoying Full HD 1080p, and the LD450 is an easy way to get into it. A beautiful LCD with all of the innovations that make LG TVs a better viewing experience.

- 37 inch full 1080p
- 16:9 Aspect Ratio
- 1920 x 1080 Pixel Resolution
- 2 x HDMI inputs
- 2 year Commercial Warranty

**£495 +VAT**



### LG 47LD450

The LG LD450 LCD TV series provides Full HD 1080p picture quality and built in freeview. Also includes a USB connection for playback of your favourite pictures and videos.

- 47 inch full 1080p
- 16:9 Aspect Ratio
- 1920 x 1080 Pixel Resolution
- 2 x HDMI inputs
- 2 year Commercial Warranty

**£699 +VAT**



### LG 55LD690

55" HD 1080p LCD TV with freeview HD, 100Hz, NetCast, 3 x HDMI and USB connectivity.

- 55 inch full 1080p
- 16:9 Aspect Ratio
- 1920 x 1080 Pixel Resolution
- 3 x HDMI inputs
- 2 year Commercial Warranty

**£1,265 +VAT**



### Wall Brackets and ceiling mounts

A range of wall brackets are available to suit every requirement including standard and low profile models, large screen models and models which tilt vertically and horizontally. Ceiling mounts are also available, suitable for keeping your school's flat panel display out of the reach of curious fingers!

from **£95 +VAT**



## AVITEK Projector Mount Assemblies

Consisting of a fixed ceiling plate, drop down column (available in various lengths) and a universal projector mount, these assemblies make for a quick and easy installation of your projector. The mount is solid and well-secured, ensuring a wobble-free picture.



Model	Length (metres)	Price
Mount Assembly	0.5	£99.99 +VAT
Mount Assembly	1	£123.64 +VAT
Mount Assembly	2	£142.57 +VAT



## Long Arm Boom

When a normal ceiling mounted projector installation isn't possible or desirable this boom can be used instead.

- Extends from 2 to 3 metres
- Projector mounting kit
- Lug for ceiling support
- Professional installation recommended

£149 +VAT



## Projection Screens

Smarteducation supply a variety of projection screens including wall, tripod, ceiling or floor mounted, electric or manual, 4:3 ratio or 16:9 and ranging from economy through to portable or 'professional' models.

£69 +VAT



## AVITEK Connection Kit

Manufactured for SMARTvisual Ltd, these junction boxes enable connection of an interactive whiteboard, projector, PC and audio system all in one convenient location.



- Data (VGA) connection
- Video connection
- USB + Board connection
- Audio connections
- Cabling

£99.99 +VAT



## Multimedia Cabinets

SMARTeducation supply a range of multimedia cabinets to meet your specific requirements. The cabinets are lockable for security, with the equipment inside wired in through a rear service access. All are available in grey painted metal finish and some are finished in smart beech.

from £399 +VAT (model above)



## Projector Trolleys & Stands

For flexible, portable presentations or where the mounting of a projector onto a wall or ceiling is not possible, projector stands offer a useful alternative. Many feature shelves for both the projector and a laptop. Some offer cable management features for a cleaner appearance.

from £249 +VAT (model above)



## AVITEK DIY Interactive Installation Kits

If you already have an interactive whiteboard/projector and would like to install it yourself, we can supply you with a kit to do it quickly, easily and neatly. Featuring a projector mount assembly (see above) and a cable junction box, the kit enables connection of an interactive whiteboard, projector, PC and audio system.

Model	Length (metres)	Price
DIY installation Kit	0.5	£194.98 +VAT
DIY installation Kit	1	£218.65 +VAT
DIY installation Kit	2	£237.56 +VAT

## Replacement Projector Lamps



Below are featured a selection of lamps for current projector models. We can supply lamps for any make or model. We recommend that in order to maximise a client's cover by any warranty period that may be included with a lamp, clients only purchase new lamps when needed and not keep spares.

Projector Model	Lamp Price
NEC NP215EDI	£139 +VAT
NEC NP310EDU	£269 +VAT
BenQ MP525ST	£117 +VAT
BenQ MP626	£126 +VAT
Hitachi CP-RX78	£247 +VAT
Hitachi ED-A101	£299 +VAT

AVerMedia



### AVerVision CP135

The new AVerVision® CP135 allows the presenter to engage the audience with quality image at HD 720p and indulge them in enlarged real-time details on a big screen.

- 16X digital zoom and pan function
- Auto Image to tune up image quality quickly
- 3.2M pixel CMOS sensor
- Output resolution: 720p HD (1280 x 720)

£265 +VAT

AVerMedia



### AVerVision CP155

CP155 certainly has an unmatched functionality packaged into one complete unit. In addition, the bundled remote control is designed with shuttle wheel enabling you to roam around the classroom freely.

- 16X digital zoom and pan function
- Auto Image to tune up image quality quickly
- 3.2M pixel CMOS sensor
- Output resolution: 720p HD (1280 x 720)

£344 +VAT

AVerMedia



### AVerVision 355AF

Embrace the power of clarity with AVer® Optical Zoom! With HD 1080p image quality, AVerVision 355AF is equipped with 5-megapixel CMOS sensor and 10X AVerR Optical Zoom.

- 10X Optical Zoom, 80X digital
- Auto Image
- 5M pixel CMOS sensor
- Output resolution: 1080p HD (1920 x 1080)

£554 +VAT

AVerMedia



### AVerVision SPB370

The AVerVision SPB370, a total classroom solutions presentation device, is the cream of the crop as this platform visualizer sports a large 10" X 8" light box for displaying big photo films etc.

- Advanced 160X zoom with quick Auto Focus (20X AVer Optical Zoom + 8X Digital)
- Auto Image
- 5M pixel CMOS sensor
- Output resolution: Full HD 1080p (1920x1080)

£944 +VAT

## SPECIAL OFFERS

Order 3 or more classroom installations between 14th May 2010 and 31st August 2010 and get **10% off** all Digital Signage Packages ordered in the following 12 months.

10% off  
Digital  
Signage



FREE  
Laptop  
Computers

Get 1 **FREE** laptop for every single order of 5 projector and interactive whiteboard installation solutions. Orders must be placed between 14th May 2010 and 31st August 2010.