



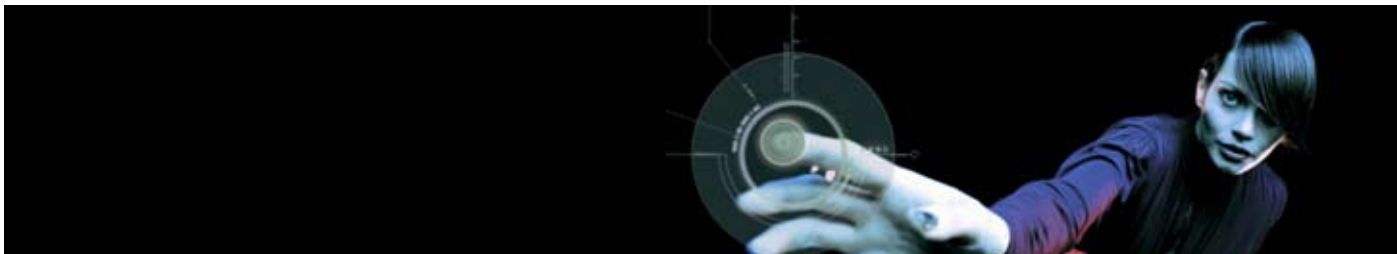
24/7 Media technologies



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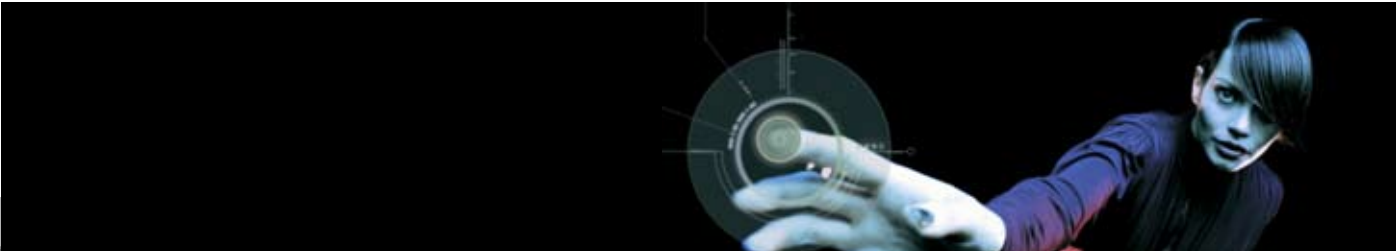
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24/7 media one of the world' leading specialist touchscreen.technology

PROJECTS

They are involved in all aspects of touchscreen design, development, manufacture and delivery from early consultation, bespoke drawings, purpose built manufacture and systems integration, right through to technical service and support many years after projects have been completed.

PRODUCTS

They offer the full range of touchscreen options from Resistive Membrane, Infra-Red, Optical Sensing, capacitive, projection and through-glass touch foils.

APPLICATIONS

Their technologies are used extensively across all market applications from critical applications such as Heathrow air traffic control to TV News broadcasters to designer presentations for leading ad agencies at the Cannes film festival.

PIONEERS

24/7 media continue to pioneer new products utilising the best in design and emerging technologies. They continuously work with key partners to develop important new solutions such as the World's first and largest 103" touchscreen for the Panasonic 103" Plasma display.

PARTNERS

They have many strategic alliance partners in the audio visual and display industry including working relationships with most of the key manufacturers of Sharp, Barco, Samsung, Sanyo, JVC, Panasonic and Pioneer. They also have the prestigious role of designated solutions partners for NEC.

WORLDWIDE DISTRIBUTION

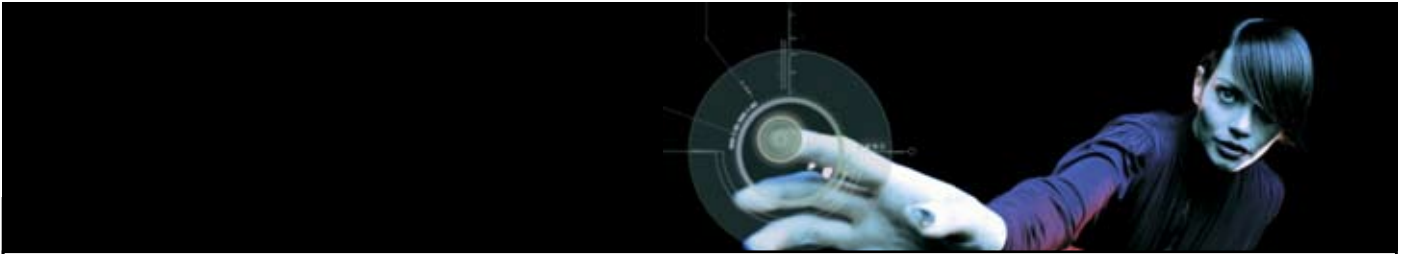
24/7 media distribute their extensive range of touchscreen technologies worldwide and across many different vertical markets.

SOFTWARE

Push button, annotation and multitouch all work with 24/7 media overlays. 24/7 technologies are also compatible with PC and Mac systems and work with all annotating packages such as Promethean, eBeam and My Eboard. They have also been told their touchscreens are suitable for all smart packages and smart airliner. Many software designers and integrators use 24/7 media technologies as part of their research and development programmes.

PREFERRED TECHNOLOGIES

Our products are often quoted as being preferred over competitor models because they are considered to have better technology, are better designed with sleek flush fit overlays and, most importantly, during operation they provide better speed, accuracy and reliability.



- Fully Integrated Solution
- High Brightness NEC Display
- Optical Touch Screen Technology
- High Tracking Speed for Annotation
- Multitouch Capable
- In-Built Rack Space for PC / DVD
- Security Door as Standard
- Fully Mobile with Lock Down Wheels



- Wide range of sizes available, currently 32" 40" 52"
- Integrated cooling system
- Optional in-built speakers
- Integrated housing for PC/Laptop
- Interactivity even works with a gloved hand
- Single cable for power and connection to PC
- Suitable for use in high ambient light conditions
- Easy to clean, unaffected by harsh cleaning fluids
- LCD display life 40,000 hours



What is included

- Single 19" 500 mm 14U rack
- Push pull handles for ease of movement
- Integrated cable management
- Stainless steel side panels
- Mobile pod with 6 lockdown castors
- IEC power inlet feeding internal column mounted 16 way power bar
- Outrigger with mountings to secure desktop
- Stainless steel lockable security door
- Internal rack trays for free standing hardware
- Optional desk mounted security mountings
- Stardust work top. Custom finish available
- Finished in silver gloss and brushed steel



Patch Panel

back to back connectors.

VGA 15 pin, RJ45 for network or VC composite video, SVHS, audio XLR, aerial (coax), serial port (9 pin D-type). USB Others available on request

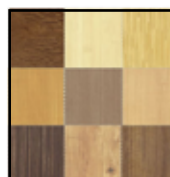


Stainless steel security door. Range in size from 6U to 14U. Allows access to PC, DVD player etc

Ordering information

Factory order options

2U rack shelf for free standing hardware
 Desk mounted control panel housing assembly
 Custom specification control housing and input panel
 Visualiser security tray and cable tidy
 Cantilever extension top in matching finish
 Custom finish worktop from WoodGrain range
 Custom specification security door
 Modesty panel
 Factory integration service



Extensive availability of work top finishes from the Formica range, including the popular Woodgrain finishes.



103" Infrared Overlay



- Broadcast
- News Stations
- Events
- Wayfinders
- Match Analysis



As used by:





Applications are limitless, ranging from boardroom or conference room collaboration to public information kiosks. Also, because the touch frame is a lightweight slim-fit design, in keeping with the overall look and feel of your flat panel display - you barely notice it.

Further still, 24/7 media takes full advantage of its specially developed Optical Sensing technology, maintaining bright high contrast picture quality, accuracy and sensitivity, providing for those greater demand applications.

24/7 media Optical imaging technology uses two modules, rather than surface mounted or perimeter based technologies, as a result the technology is extremely cost-effective. Not only is the technology cost-effective for traditional applications such as point-of-sale, restaurant, medical imaging, industrial monitoring and kiosks, but it also scales effectively to allow the touch enablement of very large Plasma and LCD displays.

This completely new technology opens up many opportunities for marketing presentations, interactive TV and advertising, large multi-purpose displays, and education white board applications.

With no overlays, it provides excellent image clarity, is not susceptible to scratching, is easy to manufacture and design into any current screen technologies. Once calibrated, it does not require any adjustment and any object can be used as a stylus; including a gloved finger.

*Interactive touch screens
for large format displays*



- **USB plug & play**
- **Four point calibration**
- **Fast response rate and tracking**
- **Light touch no pressure required**
- **100% visibility**
- **Over 4 million touch points**
- **Multitouch capable**





Optical Sensing Specifications

Standard sizes

LCD displays : 30 to 46" diagonal
 Plasma displays : 42 to 65" diagonal

Other custom sizes available on request.

Manufacturers supported

LCD displays

Barco, Clarity, LG, NEC, Samsung, Sharp

Plasma displays

Fujitsu, Hitachi, LG, JVC, Orion,
 Panasonic, Pioneer, NEC, Samsung, Sony,
 Toshiba

Compatibility with other brands available
 on request.

Minimum requirements

Pentium or higher PC
 128 MB RAM
 Windows 2000 or higher
 10 MB free hard disk space
 Spare serial COM or USB port

What's included

Touch Frame
 USB Cable
 Power Cable
 Mounting Kit
 Touch screen driver

SPECIFICATIONS

Touchable	Touchable area, entire area inside bezel excluding 15 mm—20 mm below top edge.
Bezel Colour	Black or silver anodised, other colours available on request.
Construction	Aluminium, Glass, Nylon, Opel Acrylic, EMX 503 filled nylon, Annealed Polycarbonate, PVC, PCBs, and tempered glass.
Luminous transmission	100% without glass—>92% with glass (depending on AR coating)
Aspect Ratio	Usually 16:9 or 4:3 Can be any rectangular shape.
Touch screen type	Accurate optical sensing—no overlays.
Touch stylus	Finger, gloved hand, or soft stylus.
Touch Activation force	Nil.
Touch Accuracy	± 2mm (for 40" monitor) - over 90%. Resolution — 4 million touch points (i.e. sub pixel).
Touch durability	Unlimited.
Drag response time	Approx 50 milliseconds.
Operating Environment	
Temperature	Operating: 0°C to 55°C. Storage: -25°C to 85°C.
Humidity	Operating: 10% to 90% RH, noncondensing. Storage: 10% to 90% RH, noncondensing.
Supply voltage and current	+12Vdc, nominal (+11.5V to +12.5V). 900 mA rms (peaks of 8ms@ 1A), typical at +12 Vdc. Average power dissipation is 10W, typical. Note: 3 watt version, with the same performance available soon. Supply must be capable of sourcing 1.5A (peaks of 8ms@ 2A). Total noise and ripple requirement must be less than 100mV (p-p) for frequencies below 1MHz, and less than 50mV (p-p) for frequencies above 1MHz.
USB Resolution	32767 x 32767 (on screen).
Reporting speed	10 ms per coordinate set (max). Typical 15 ms (66 updates per second).
Calibration	Simple Driverless 4 point calibrator. Landscape orientation – portrait orientation available soon
ESD	Per EN 6100-4-2 1995: Level 4. Contact discharge 8kV, air discharge 15kV on USB connector pins.
Touch Glass	3.5 to 4.5mm Tempered Glass (Safety Glass).
Warranty	12 months parts and labour.
Interfaces	USB 1.1 (Full Speed) - plug and play compatible. USB compliant. HID compliant.
Software	No software required for installation or calibration. No drivers required. Works with Windows XP's native HID mouse driver.



Infrared Overlays



The fifth generation Infrared 24/7 media technology enhances Infrared's traditional advantages such as high clarity, maintenance free, exceptional ruggedness, and new breakthrough with ability to work in high ambient light environments.

24/7 media Infrared technology lends itself to a wide range of touch enabled applications including customer retail sites, information kiosks, gaming & leisure, and self-drive multimedia programmes.

The 24/7 media frame can be easily retrofitted over most of the leading brand LCD and Plasma panels, as well as applied to custom kiosk fit outs. Furthermore the protective glass layer can provide a splash proof interface for the best demanding public areas. We can cater for IP65 rated projects, where weather proofing is essential.

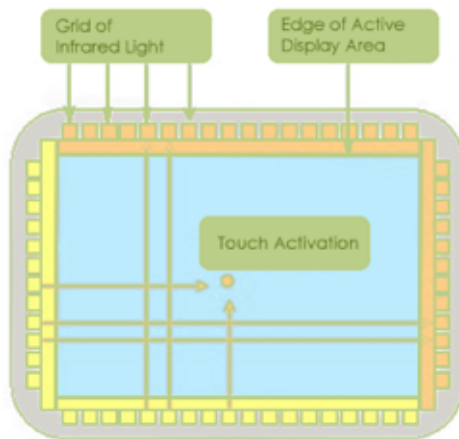
*Interactive touch screens
for large format displays*

- **Maintenance and calibration free**
- **High Resolution**
- **Water and dust resistant**
- **Vandal resistant construction**
- **Free of interface**
- **Extreme reliability**
- **High clarity**
- **High environmental adaptability**
- **Long life expectancy**
- **Minimal error in operation**
- **Custom and bespoke sizes**





Infrared Specifications



The U-Touch screen is a frame with embedded IR-LEDs and photo transistors hidden behind the bezel of the touch frame. Each of the IR-LEDs and photo transistors is set on the opposite sides to create a grid of invisible infra-red light. The touch screen controller pulses the LEDs to create a grid of IR light beams. When the screen is touched, this creates an interruption in the light beam which is measured by way of an X and Y coordinate which is sent back to the host computer.

Construction	Aluminium, mild steel, tempered safety glass
Bezel colour	Silver, optional colours available
Luminous transmission	Between 92 and up to 100%
Viewing angle	160 degrees
Aspect ratio	16:9
Operating voltage	Less than 2W (current less than 200 mA)
Power supply	Keyboard serial interface, less than 1W
EMI	CE Certified
Communications	RS232 serial port
Touchscreen type	Infra red matrix
Resolution	Up to 4,096 by 4,096
Touch activation force	No minimum force required
Response time	Less than 16 ms
Durability	Over 60 million single point touch
Driver Support	Windows 98/2000/XP/Linux
Operating temperature	-41 to 70 degrees C
Storage temperature	-50 to 85 degrees C
Vandal-proof	Steel ball (dia. 63.5mm, 1040 g) drop from 1040 mm without breaking
Operating Altitude	3,000 metres durability
Sealability	IP65 rated (optional)



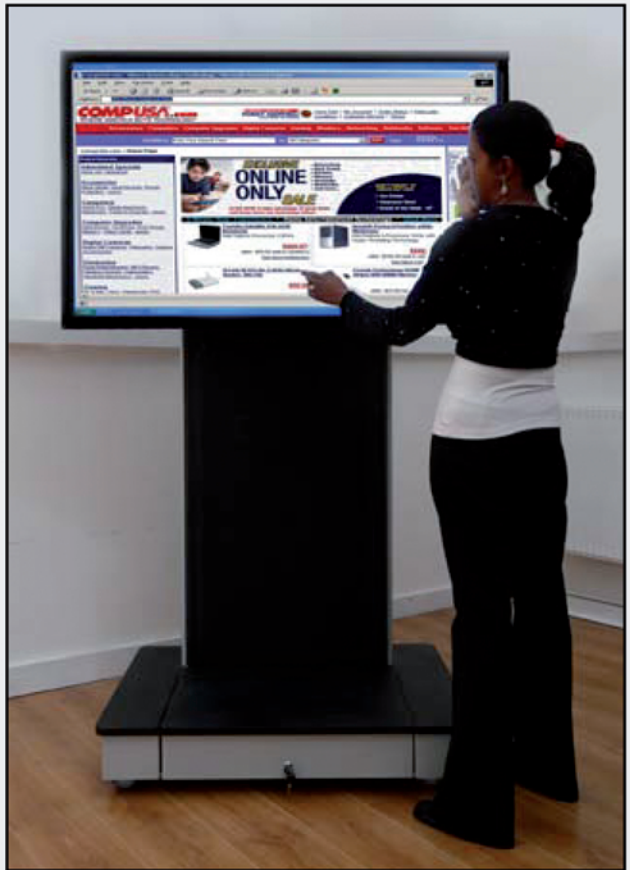


NEC Integrated

The 24/7 media NEC Integrated combines our Optical Sensing touch technology with the latest NEC 20 Series professional LCD's.

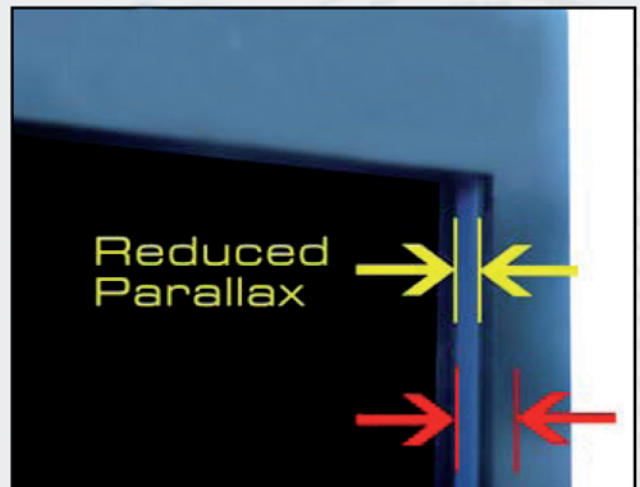
Fully integrated, this solution has no brackets or detachable parts therefore keeping with the overall look and feel of the display. Through such a close marriage of the components the Parallax has been reduced enabling a more accurate, near pin point, finger to cursor response.

Once calibrated, it does not require any adjustment and any object can be used as a stylus; including a gloved finger.



Parallax -

The distance to the object and it's effect on the line of sight.





All In One

The new All-In-One touch LCD system from 24/7 media features a high quality LCD display with an integrated fully fitted Optical Sensing touch screen.

The unit has been aimed at digital signage and public display sectors as a self contained solution bringing many benefits to both the system integrator and end user alike.

With a high quality eye catching display, the public can easily navigate their way through Windows OS and multimedia content in a host of applications and installations.

A fully integrated large format solution



- **Sizes available from 32" to 82"**
- **High quality Samsung TFT display**
- **Excellent viewing angle**
- **Optical Sensing touch technology**
- **Multitouch Capable**
- **Built in touch drivers HID compliant**
- **High accuracy & limited drift**
- **Easily mount in fixed installations**





Branded Enclosures

24/7 media launches a range of interactive enclosures that lets you create an individual housing for your interactive Plasma or LCD displays that can include your company logo, colours and interior design theme. It puts your

company's brand in the spotlight and helps your displays to blend in with your interior style. No matter what shape or colour the brief is we can consult from scratch the full solution



- **Robust & Secure Designs**
- **Easy To Clean**
- **Protects Equipment & Cables**
- **Include Logo's & Themes**
- **IP65 Rated Weatherproofing**



Each style will be designed with robust, high quality materials. A robust model with a metal housing and safety glass can protect the displays against vandalism. All cables are concealed inside the enclosure. When maintenance or service needs to be performed, you can simply open and go to work. In those outdoor installation projects we can IP65 rate our components for a complete weatherproof solution that will protect the IR technology.





All Weather Enclosure



The 24/7 media All Weather Enclosure delivers a high pixel density, high brightness hermetically sealed interactive unit that allows clear, detailed graphics to be touched in the urban environment.

These units have been purposely designed for the rigours of the underground and rail environment. They are also ideally suited for other transport applications where environmental protection from the elements and physical security is a must. The profile of the display has been designed for elegance and slimness. A key factor in the design is that all corners are rounded to minimise collision injury. The front fascia is made from a toughened and laminated glass which will stand the impact of a bottle or brick.

A fully integrated large format solution

- **Fifth Gen. Infrared Touch**
- **Easy Maintenance**
- **Ultra Bright Version Available**
- **Robust & Secure Designs**
- **Easy To Clean**
- **Protects Equipment & Cables**
- **Include Logo's & Themes**
- **IP65 Rated Weatherproofing**

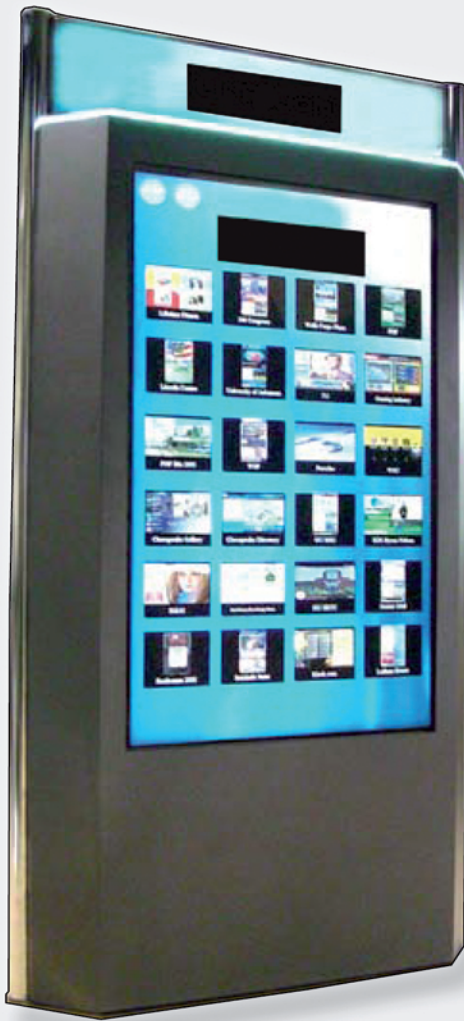




Back To Back Kiosk

The 24/7 media Kiosk is a fully integrated information point solution - housing our fifth generation Infrared touch technology that boasts rapid tracking speeds and seriously robust components.

Designed for multiple environments the 24/7 media solution is perfect for Hotels, Conferences, Education, Shopping Malls and Directories. The added interactivity with Digital Signage enables the user to cruise through endless formats of information with ease. Housed in a metallic high security kiosk, this free standing double-sided display can show two different elements of your desired content to two independent users at the same time.



A fully integrated large format solution

- **Two Independent Displays**
- **Robust & Secure Designs**
- **Easy To Clean**
- **Protects Equipment & Cables**
- **Include Logo's & Themes**
- **LED Glowing Top Section**
- **IP65 Rated Infrared Sealing**





Thru-Glass Dual Pro

24/7 media Dual Pro is a combined projection screen and interactive touch screen foil.

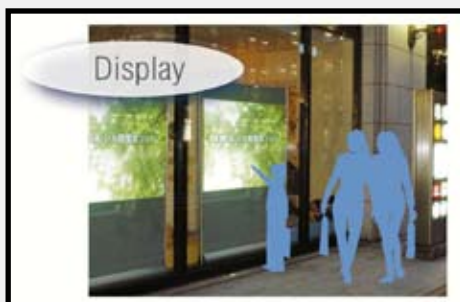
The Dual Pro technology combines a high contrast rear projection screen with a fully integrated interactive touch sensor incorporating a patented projective capacitive technology.

The Dual Pro film and foil combination is intended for use with a standard projector.

This product suits a wide range of applications and is ideal for large format interactive digital signage such as retail shop windows, advertising, promotion and exhibitions. This unique and stylish way to communicate with customers is also very cost effective in creating a large scale information and viewing experience.



*Worldwide specialists in
interactive touch screens*





Thru-Glass Dual Pro

Specifications



Sensor:	
Detection method	Projected Capacitance
Construction	PET film with embedded micro-fine sensing array
Electronics	Detachable USB controller
Size range	30" to 65" (with >100" planned for 2008)
Environment:	
Operating temperature	-20 °C > +60 °C
Operating humidity	90%RH @ 40 °C
Storage temperature	-30 °C > +70 °C
Storage humidity	90%RH @ 40 °C
Resistance to contamination (from operation side)	Determined by mounting substrate
Water resistance (from operation side)	Determined by mounting substrate
Mechanical:	
Immunity to damage	Protected by mounting substrate / no moving parts
Sensor thickness	~0.5mm depending on rear projection material selected
Stylus type	Finger, gloved hand
Operating force	<0.1g
Sensor MTBF	No moving parts / no known wear out mechanism
Controller:	
Power requirements	Power from USB port (5V±5%, less than 100mA)
Regulatory	Controller compliant with CE and UL
EMC	FCC, CE
Resolution	30" to 50" <3mm, 55" and above <5mm
Positional accuracy	<1.5% of diagonal error within the recommended viewing
Sensitivity	Adjustable in software. Maximum thickness of glass mounting substrate 12mm (single layer – no double glazing)
Calibration drift	One time calibration, no drift
Functionality	Mouse move only, activate on touch, activate on release, drag and drop, touch / hold / release
Connectivity	USB V1.1, compatible with USB V2.0 (3m standard cable length, 5m maximum cable length recommended with USB)
Software	Windows 2000 / Windows XP



24/7 media Thru-Glass technology is a unique way to communicate with your customers. make your window pay. An incredible system that allows people in the street to make choices regarding products and services by simply touching the window, even when the store is closed and the staff have gone home.

Now you can extend your opening hours and let people interact and choose what is of interest to them. Deliver more detailed content, collect customer feedback and enhance your large screen display.

With a holographic display you can generate high contrast stunning images, which appear to float in the air, and catch the attention of passers by.

The 24/7 media screen is easy to install. No need to redesign the layout of your shop front, or cut into the glass window from the street and make choices regarding products and services.

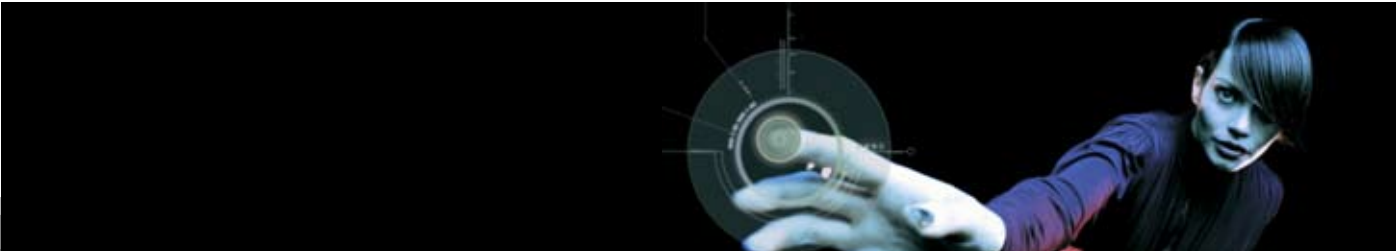
The 24/7 media screen Thru-Glass is produced from the same material used in high demanding applications including ATM's, web phones, medical displays, pay-at the pump machines.

Thru-Glass for Rear Projection



*Interactive touch screens
for large format displays*

- **Functions through glass 20mm thick**
- **No need to fix anything to exterior**
- **Interactivity works with gloved hand**
- **Excellent viewing angle**
- **Wide range of screens sizes available**
- **Works with holographic or diffusion**
- **Suitable in high ambient light installs**
- **Vandal & shock resistant**
- **Long life expectancy**
- **Single cable for power & connection**
- **Easy to clean**



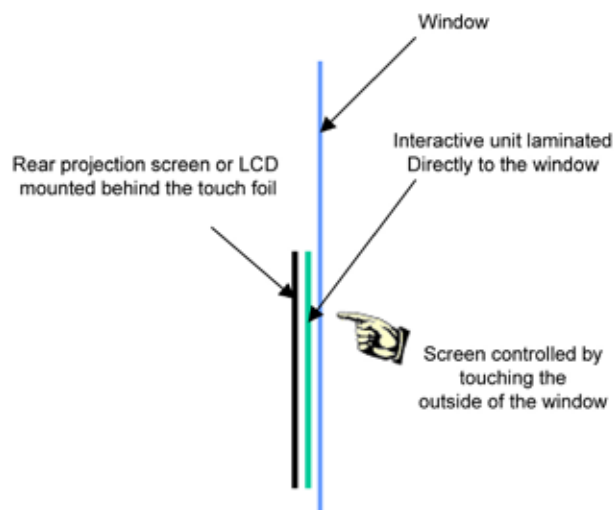
Thru-Glass for Rear Projection Specifications

Interactivity specification

Detection Method:	Projected Capacitance technology using horizontal vertical wires
Screen Sizes:	40", 50" 60" 4:3 16:9 as standard, other sizes available on request
Position accuracy:	Approximately 3 mm absolute, 1 mm relative. No drift
Alignment:	Software drivers provide a calibration facility
Sensitivity:	Adjustable by software. Can be programmed for different thickness of glass and even use with gloved hands. Functions with non-metallised, single construction glass 16mm thick.
Speed of response:	Depends upon glass thickness. Typically 50 to 100ms
Output:	RS232C communications to a 9 pin D female
Software Compatibility:	Drivers are available for Windows Operating Systems
Temperature range:	Better than -10 to +70°C
Humidity Controller:	0% to 95%. Unaffected by condensation
Light Transmission:	Typically better than 85%.

Product construction

Interactive unit (through window)





Thru-Glass for LCD



With a close high brightness display rather than a holographic display you can generate the full image quality intended from your content and catch the attention of passers by.

The 24/7 media screen is easy to install. No need to redesign the layout of your shop front, or cut into the glass window from the street and make choices regarding products and services.

The 24/7 media screen Thru-Glass is produced from the same material used in high demanding applications including ATM's, web phones, medical displays, pay-at the pump machines, gaming systems and interactive kiosks, ensuring the technology is protected from moisture, heat and even vandalism.

24/7 media Thru-Glass technology is a unique way to communicate with your customers. make your window pay. An incredible system that allows people in the street to make choices regarding products and services by simply touching the window, even when the store is closed and the staff have gone home.

Now you can extend your opening hours and let people interact and choose what is of interest to them. Deliver more detailed content, collect customer feedback and enhance your large screen display.

- **Functions through glass 20mm thick**
- **No need to fix anything to exterior**
- **Interactivity works with gloved hand**
- **Excellent viewing angle**
- **Wide range of screens sizes available**
- **Suitable in high ambient light installs**
- **Vandal & shock resistant**





Thru-Glass for LCD Specifications

Optical performance

24/7 Media projection screens encompass a high quality rear projection substrate with a gain of 1.3 and grey tint to enhance colour saturation. Picture quality is uncompromised operating in a range of ambient environments, whilst maintaining full touch screen interactivity.

24/7 Media screens are suitable for use with any single lens LCD or DLP projector. Furthermore there is an option of clear, anti-glare, toughened, or high transmission treatments.

Standard size

UT40TG 40 inch diagonal
 UT50TG 50 inch diagonal
 UT60TG 60 inch diagonal

Other custom sizes available on request.

Minimum requirements

Pentium or higher PC
 128 MB RAM
 Windows 95 or higher
 10 MB free hard disk space
 Spare serial COM port

What's included

Thru-glass Touch screen
 Mounting kit to apply to glass frontage or shop window
 Controller interface
 Connecting cables
 Touch screen driver

General Specifications

24/7 Media screen comprises a laminated glass sensor, which encompasses the sensing medium, and the control card which connects to the Com port of the PC.

Touch detection	Proximity sensing using 20 micron wire
Power requirements	5 mA at 6 to 12 volts, from RS232 port
Lead & connector	Female D9 serial connector, 10 metre length
Image Gain	Typical 1.3 with grey tint
Viewing angle	Up to 160 degrees
Light transmission	88%
Aspect ratio	4 by 3 standard, others available on request
Speed of response	13 msec through 4 mm glass
Resolution	Less than 1 mm
Position accuracy	Less than 1% of diagonal error
Communications	RS232 serial
MTBF	In excess of 1 million hours
Sensitivity	Adjustable through software
Stability	Fixed wires ensures no drift
Operating temperature	-35 deg C to +65 deg C
Operating humidity	0 to 90% RH @ 40 deg C.
Warranty	24 months
Emissions	FCC Class B
Regularity	CE and UL compliant
Software provided	Simple calibration and set-up with Windows

How it works

The electronic controls effectively divide the screen into pixel size sensing cells, using microfine wires which are barely visible to the naked eye, on a powered display. These wires are connected to a controller board, and an oscillation frequency is established for each wire. Touching the glass causes a change in the frequency of the wires at that particular point, the position of which is identified and calculated by the controller. The front glass of the touch screen acts as a dielectric and enhances the capacitance of the touch screen.





- Fully Integrated Solution
 - Medical 17" - 19"
- Point of Sale 17" - 19"
- Resistive Membrane
 - Extreme Reliability



19" Integrated Medical Monitor Specifications

Configuration

LCD Display	19" TFT active matrix panel
Pixel Pitch	0.294(H) x 0.294 (V) mm
Max. Resolution	SXGA 1280 x 1024
Contrast Ratio	800:1 (typical)
Brightness	300 Cd/m2 (typical)
Response Time (Tr+ Tf)	5 ms
Display Color	16.7M
Effective Display Area	376.32(H) x 301.05(V)
Viewing Angle (CR ≥ 10)	160° (H) x 160° (V)(typical)
Backlight	CCFLx4
Lamp Life (hr)	50,000 hrs (typical)
Stand Base	Tilt own:-5°, Tilt Up:+90°
Input Signal	Analog, Digital, Video (NTSC / PAL / SECAM)
Signal connector	Analog D-sub 15 pin (VGA) Digital DVI-D (option) Video-in Composite Video, S-video (option)
Scan Frequency	60/70/72/75 Hz
Key Control	Power on/off with LED, Menu, Select, Adjustment (+, -)
Touch Panel	Resistive/Capacitive RS-232 or USB A type (option)
Audio system	2W / per channel driver(option)
Operating Condition Temperature	0°C-40°C (32°F-104°F)
Humidity	20%-80% (no condensation)
Altitude	To 10,000 feet
Storage Condition Temperature	-20°C-60°C (-4°F-140°F)
Humidity	10%-90% (no condensation)
Power	Input AC,100~240V, 50~60Hz, 48W
Dimensions (WxHxD)	438 x 417.5x 180 mm
Carton Dimensions (WxHxD)	528 x 490x 228 mm
Weight (Net)	7 Kg
Certification	CE, FCC, UL60601-1, TUV EN60601-1

* Specifications are subject to change without notice.

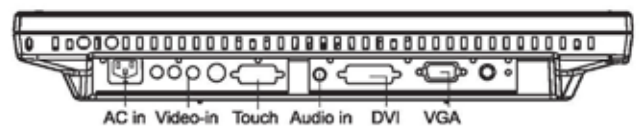
Features

- * Fashionable housing design with slim bezel.
- * High contrast color TFT LCD display support resolution up to 1280 x 1024. Compatible with IBM VGA, VESA standards.
- * IPX1 spilling proof compliant.
- * Support DDC1/2B for plug & play compatibility.
- * Advanced OSD control for picture quality adjustment.
- * Stable aluminum stand base supports angle adjustment -5° ~ 90°.
- * Auto detects multi signals input.
- * NTSC/PAL/SECAM video systems compatible.
- * Optional front panel IP54 standard.
- * VESA mounting.
- * RoHS Compliance.

Optional Accessories

- * Resistive/Capacitive touch solutions
- * Anti-Glare/Anti-Reflective tempered glass
- * Customized touch solutions acceptable

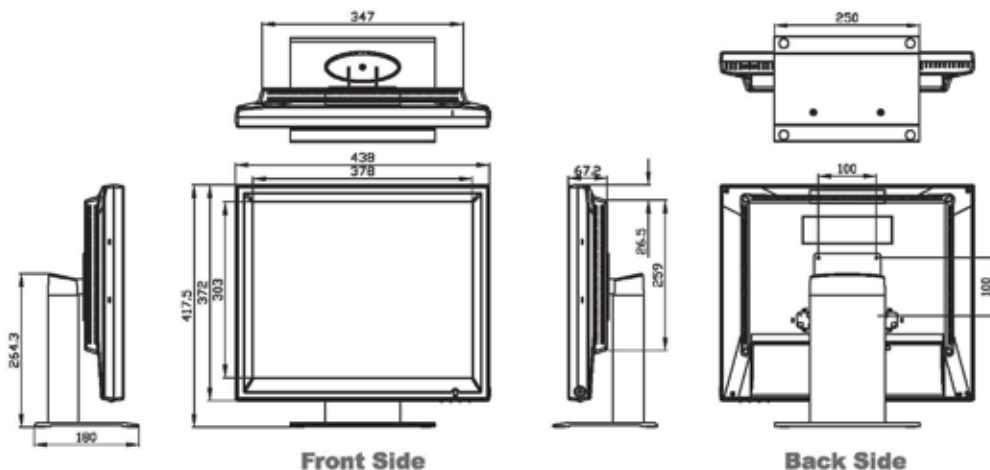
I/O Ports



AC in Video-in Touch Audio in DVI VGA

Mechanical drawing

Unit : mm



Front Side

Back Side



19" Integrated POS Monitor Specifications

Configuration

LCD Display	19" TFT active matrix panel	
Pixel Pitch	0.294(H) x 0.294 (V) mm	
Max. Resolution	SXGA 1280 x 1024	
Contrast Ratio	800:1 (typical)	
Brightness	300 Cd/m ² (typical)	
Response Time (Tr+ Tf)	5 ms	
Display Color	16.7M	
Effective Display Area	376.32(H) x 301.05(V)	
Viewing Angle (CR ≥ 10)	160° (H) x 160° (V) (typical)	
Backlight	CCFL x 4	
Lamp Life (hr)	50,000 (typical)	
Stand Base	Tilt down: -5°, Tilt Up: +90°	
Input Signals	Analog, Digital	
Signal connector	Analog D-Sub 15 pin (VGA) Digital DVI-D (option)	
Scan Frequency	60/70/72/75 Hz	
Audio System	2W / per channel drive	
USB HUB	A type x 2, B type x 1 (option)	
Touch Panel	Resistive/Capacitive-RS232 or USB A type (option)	
Key Control	Power on/off with LED, Menu, Select, Adjustment (+, -)	
Operating Condition	Temperature	0°C-40°C (32°F-104°C)
	Humidity	20%-80% (no condensation)
	Altitude	To 10,000 feet
Storage Condition	Temperature	-20°C-60°C (-4°F-140°F)
	Humidity	10%-90% (no condensation)
Internal Power	Input AC, 100 ~ 240V, 50~60Hz, 48W	
Dimensions (WxHxD)	438 x 417.5 x 180 mm	
Carton Dimensions (WxHxD)	528 x 490 x 228 mm	
Weight (Net)	7 Kg	
Certification	C-UL, UL, FCC, CE	

* Specifications are subject to change without notice.

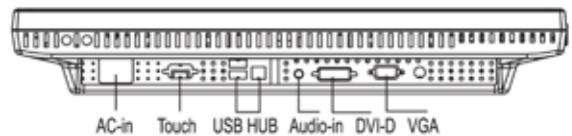
Features

- * Fashionable housing design with slim bezel.
- * High contrast color TFT LCD open frame display support resolution up to 1280x1024. Compatible with IBM VGA, VESA standards.
- * Support DDC1/2B for Plug & Play compatibility.
- * Advanced OSD control for picture quality adjustment.
- * Stable aluminum stand base supports angle adjustment -5° ~ +90°.
- * Optional front panel IP54 standard.
- * VESA mounting.
- * RoHS Compliance.

Optional Accessories

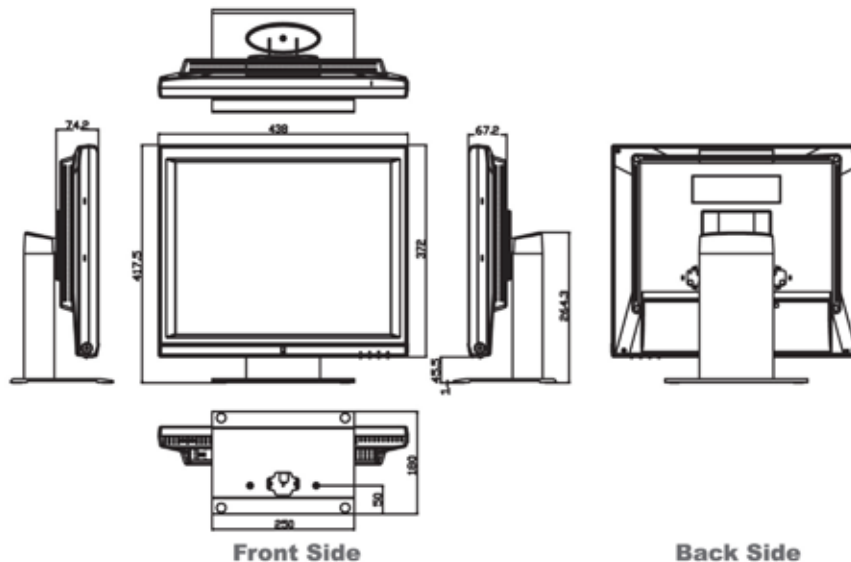
- * Resistive/Capacitive touch solutions
- * Anti-Glare/Anti-Reflective tempered glass
- * Customized touch solutions acceptable
- * USB HUB with 2 downstream ports and 1 upstream port

I/O Ports



Mechanical drawing

Unit : mm





TAILOR - MADE TOUCH SCREENS FOR SCIENCE MUSEUM

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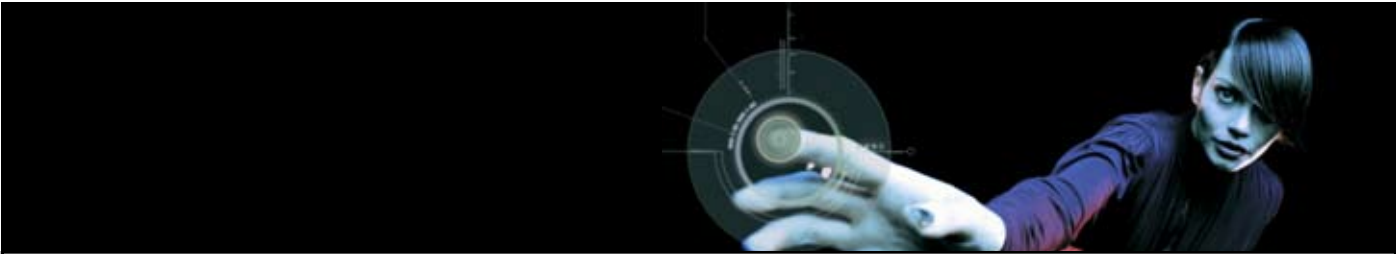


Touch screen specialists 24/7 media, are pleased to announce that we now offer a bespoke design and manufacture service where we can produce custom-built touchscreens for any size, make and model of Plasma or LCD display or monitor.

Considered to be one of the world's foremost suppliers of interactive touch screen technology, 24/7 media were recently commissioned to consult, design and manufacture a range of interactive touchscreens for the latest 'Science of Survival' exhibition at the **London Science Museum**.

Installed by one of our many specialist integrator partners, these 20"-24"-30" 16:9 kiosk style touch screens were purpose built to slip over the front of a range of DELL monitors enabling exhibition visitors to interact and become more involved with the displays and their content simply by touching the screens.

"The touchscreen technology is getting a really good reaction, especially with the kids who love touching things. Here they can actually see and touch. Kids are really attracted to the hands-on thing and so are the parents too." - Exhibition Assistant Marcus Brown



The newly opened 'St Pancras International' railway station was recently launched as a gateway to Europe after this unique London landmark and home of Eurostar reopened after an £800m restoration.

Incorporating the latest in advanced technology this important new epicentre of travel was to be presented as a 'silent station' where Kiosks and Wayfinder booths were used to present key information and guidance to visitors and passengers without the need for an outdated, intrusive and often incomprehensible tannoy system.

Integration partners 'Siemens' provided 16 stand alone kiosks with a sophisticated content and back-end digital signage platform from AMX/inspired signage. Easy access to information was created using IP65 rated Infrared touchscreen technology from 24/7 media



The result was a series of stylish kiosks designed to work in unsupervised areas, both indoors and outdoors, providing key travel and tourist information, at the touch of a finger, 24 hours a day.

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