

New Sunlight  
Readable 15.1"  
TFT gives  
2200cd/sqm

# Display Spotlight

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One touch  
ahead

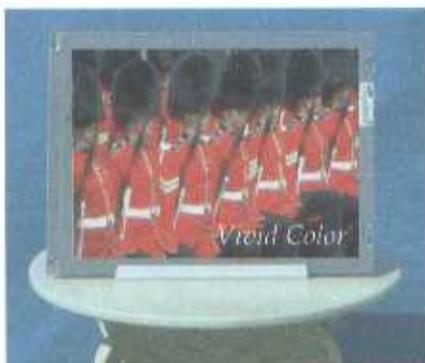
2<sup>nd</sup> Generation IR Touch



Ginsbury are the UK representative for Citron Infra Red touchscreens. Fast Response, high resolution, compact size, stylus compatibility and electromagnetic shielding combine to make IR touchscreens the technology of choice for many applications. Citron have integrated the sensor, electronics and interface all on one single circuit board to produce an All-in-one solution. Citron's standard range includes 6.5", 10.4", 12.1" and 15.1". Custom size solutions are also available.

For further information on this product call Paul Constable at Ginsbury on 01634 298900

## Sunlight Readable Backlights For Outdoor Applications



The ability to view TFT LCD displays in high ambient light conditions is always a problem. The Landmark range of high brightness

backlights offers the designer the ability to overcome this problem.

Whether it be on board a boat, an outdoor information kiosk or an advertising display the Landmark backlight can increase the light output from a standard 200-250cd/sqm to in excess of 2000cd/sqm.

The current range encompasses displays from 6.4" up to 20" and now features 3 different manufacturers' 15" TFT panels.

New releases include the Sharp DG11 12.1" panel, the LG 15.1" XGA panel and the Samsung 17" SXGA giving a cost effective alternative to 18". We can provide panel only solutions or complete monitors or kits incorporating the Landmark backlights.

For further information on this product call Steve Varley at Ginsbury on 01634 298900

## Latest Flat Panel Display Measurement System Meets VESA Requirements

Display specialist Ginsbury Electronics has introduced a flat panel display measurement system that performs all the tests required in the VESA standard, spanning colorimetric parameters to comprehensive viewing angle measurements.

The Westar FPM510 Measurement System comprises a five-axis motion base, dampened optical table, system controller PC and all the necessary system interface cabling. The universal test fixture accommodates any type and size of flat display - from an LCD module to a 42" plasma display.

Equally suited to the laboratory or production facility, the FPM 510 is able to completely characterise a flat panel display in only a few minutes. The entire system is controlled by the manufacturer's proprietary Viewpoint™ software

which is able to accommodate up to four measurement devices such as proprietary spectroradiometers and photometers. Viewpoint also controls system parameters such as positioning of the DUT and measuring instruments.

Results from the automatic test sequences are logged to any Microsoft Excel spreadsheet. Once in Excel, the raw data may be reduced and plotted using the software's math and plotting functions. An easy to use programming language can be used to compile test routines with automatic pass/fail detection.

Among the wide range of FPM510 accessories available from Ginsbury Electronics is an environmental chamber, a



digital video generator, programmable power supplies, a uniform light source and a temporal response detector.

For further information on this product call John Halton at Ginsbury on 01634 298900

## Inverters Keep Backlighting Flicker Free



The 8MD series of closed loop DC to AC inverters are designed to provide power for backlighting LCDs with up to four CCFTs. Utilising four transformers it is only eight millimetres high. Power efficiency is stated to be as high as 90 per cent and brightness can be controlled while remaining flicker free throughout the range. The series features an optimised form factor for direct display connection to 17" and 18" flat panel displays and its inverters are of a hybrid construction (encapsulated/open frame) while keeping mass down to 64g.

For further information on this product call Steve Varley at Ginsbury on 01634 298900

# Video TFT Panel Kits

Rochester based Ginsbury Electronics is offering a wide range of Video TFT panel kits which are able to accept PAL, NTSC and SECAM video inputs.

Based around the Unipac wide range of TFT panels complemented by a range of proprietary interface cards, the kits are ideal for vehicle, aircraft, marine, security, video phones and portable applications where image quality, space saving and cost are all prime factors.

The Ginsbury TFT panel kits are available with panel sizes ranging from 1.8' to 14.1' and featuring a 7" panel with 16:9

aspect ratio, ideal for wide-screen video applications.

They all have excellent contrast ratio and a high saturation



colour filter which provides full colour, high quality images comparable to a CRT display. Most feature high brightness 250 cd/sqm backlights and wide viewing angles, making them particu-

larly suitable for use in high ambient light applications.

The kits make easy work of interfacing and include backlight inverter module. They can be configured to display a reverse image in both the horizontal and vertical planes via the East West and North South scanning pins on the panel connector. This is a very useful feature in applications where mirrors or optics are used, such as in avionics and automotive simulators

For further information on this product call Paul Constable at Ginsbury on 01634 298900

# Off The Wall Plasma TV



The first Plasma monitor to display VIDEO and DATA images simultaneously. The Ginsbury Plasma monitor comes complete with integral TV tuner thus avoiding the need for a video recorder or separate TV tuner as is needed with many Plasma screens.

Watch a full screen video or

TV image with a thumbnail data screen or vice versa with our "Picture in Picture" technology. The thumbnail can be positioned

anywhere on the display and the size adjusted to suit. You can also watch a 50/50 split screen image with any combination of TV, PC and three video inputs with our "Picture and Picture" technology making it ideal for video conferencing applications.

The Plasma monitor is controlled via an infra red remote

and on screen menu, very similar to your domestic TV set. This makes signal input selection and screen adjustment very user friendly.

The monitor has the ability to display VGA/SVGA and XGA resolutions from your PC via the standard 15 pin analogue interface. The inbuilt stereo amplifier with graphic equaliser and inclusive speakers gives excellent sound reproduction for TV, Video and PC.

For further information on this product call Steve Varley at Ginsbury on 01634 298900