

Ginsbury 12" LCD Monitor

Features:

- Machined, chromated, aluminium housing powder coated to marine standards
- High brightness (270 cdm^{-2}) 12" TFT LCD (option: sunlight readable 1500nits)
- High resolution, (800 x 600 pixels)
- Anti-reflection safety glass front panel
- Analogue RGB interface
- 18-36V dc supply
- Wide dimming backlight
- Onscreen display menu adjustable picture settings.



Ginsbury are happy to be able to offer a new range of flat panel monitors from their principal **Citron** which have been designed to bring the flicker free, high contrast, low weight and slim package advantages of LCD displays into the marine, industrial and military marketplace

Preliminarily designed for the demanding requirements of ocean going yachts, the monitors are highly readable under adverse conditions, fully sealed against the elements and rugged.

The monitor will run from a wide range of dc input voltage and data input is supported by an internal analogue interface card to emulate a conventional CRT monitor. Set up of display parameters such as image

size, position, phase, contrast etc. is achieved via front panel keys and an on screen display menu function.

Two brightness options are offered as standard: High brightness (270 cdm^{-2}) is suitable for most indoor or sheltered applications whilst the ultra high brightness of 1500nits makes the monitor suitable for outdoor applications in direct sunlight. In either case the monitor is constructed to maintain a satisfactory working temperature by free air convection cooling to the case.

Alternative options for operating temperature, input voltage, signal interface, connectors, mounting and touch screens are readily undertaken.

Technical Data

Display

Type:	Active TFT colour.
Colours:	262,144
Active area;	246 x 185 mm
Resolution:	800 x 600 pixels
Brightness:	270cd/m ² or 1500cd/m ²
Contrast:	300:1 (optimum viewing angle)
Viewing angle;	L/R 120, U/D 90 degs

Enclosure

Dimensions:	361 x 275 x 68 mm max.
Material:	Aluminium , Chromated and powder coated to marine std.
Colour:	Optional
Glass panel:	Anti-reflection coated safety glass or acrylic
Environmental;	Fully sealed to >IP65 all round
Mounting:	M5 taped holes , counter-bored from the front allow fixing from front or rear
Weight:	7.5kg nominal
Temperature:	0 - 50°C standard operating, -20 to +60 storage
Power Supply:	18 to 36V dc Approximately 25W (270cd/m ²) 40W (1500cd/m ²)

Control Electronics: *Analogue*

Controller:	Internal analogue interface card
Input;	R,G,B,Hsync, Vsync, via 15 HDD connector
Formats:	Accepts 800 x 600 and 640 x 480 standard formats

Optional

Mounting:	Customer specified
Shock:	Up to 60g's by internal a.v mounting
Low temp operating:	Sub zero operation using internal heater
EMI/RFI:	Mil std 461
Touch screen:	IR touch or other.
Power:	Other input voltages possible
Signal interface	PAL, NTSC,Y/C and other formats readily accommodated.
Connectors;	customer specified connectors

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