

316 1912

TRIDENT DISPLAYS



OEM TFT LCD CHASSIS MONITORS – 12.1" & 15"



Perfect for Industrial and EPOS:

- Easy to mount chassis packages
- High performance 12" & 15" LCD
- Touchscreen options
- Full analogue solution including cables
- Full local support from Trident Displays
- 3-year warranty (excluding backlight)
- Bright TFTs for strong colours and high visibility
- Compact mechanical outline
- AV Pal / NTSC input options

TFT LCD Chassis Monitors

12" SVGA 150cd, 12" SVGA 250cd, 15" XGA 200cd

The Trident range of OEM chassis LCD monitors has been established to assist engineers looking to incorporate TFT monitors in their products without sourcing panels, interfaces, inverters and cables individually. All the products in the range are mounted on simple, neat metal chassis, with all the electronics shielded to simplify overall design CE certification. Each is complete with analogue CRT-style interface. Each has a simple on-screen-display menu set up and the package includes mains power supply and VGA cable.

Features:

- High quality TFT LCD – 12" 150cd, or 250cd, 800x600 resolution; 15" 200cd 1024x768 resolution
- Long life backlights – 15,000 to 25,000 hours depending on model
- Pre-drilled holes in metal chassis and simple mounting provision for easy implementation
- 15" XGA model gives full-screen expansion from VGA or SVGA
- Easy to use OSD allowing quick set up; 15" features auto-setup
- Resistive touch available on 12" models, SAW touch available on 15" as options
- Separate mains PSU 110-250v.
- Standard analogue interface for direct connection to PC VGA port

Additional features:

- AV (PAL / NTSC) Input available for CCTV / entertainment / multimedia applications

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□ Specification

	<u>12" 150cd</u>	<u>12" 250cd</u>	<u>15" 200cd</u>
Display area W x H (mm)	251 x 191	254 x 193	304 x 228
Maximum No of pixels	800 x 600	800 x 600	1024 x 768
Panel size			
Panel connectors & controls mm)	296x241x36	296x241x36	363x316x32
Primary Colours	256k	256k	256k
Pixel pitch mm	0.30 x 0.30	0.30 x 0.30	0.297 x 0.297
Contrast ratio	150:1 (Typical)	200:1 (Typical)	300:1 (Typical)
Touch type	Resistive (option)	Resistive (option)	SAW (option)
LCD Response time	50ms typical	50ms typical	25ms typical
Brightness	150 cd/m ²	250 cd/m ²	200 cd/m ²
Backlight			
(mean time to 50% brightness)	> 15,000hours	> 20,000hours	> 25,000hours

□ Operational

Display resolution	800x600 for 12", 15" accepts 640x480, 800x600 and 1024x768
Video signal	Analog RGB 0.7p-p, Impedance 75 Ohms separate sync, VGA cable supplied
Vertical frequency	50 to 76 Hz
OSD	On screen Display (Menu system for monitor set up)
Sync	Auto sync

□ System requirements

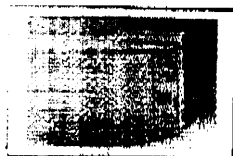
Power supply	100V to 240V mains psu supplied. Output 12.0V
Power consumption	Operating 20W (typical) 12", 35W (typical) 15", 5 watts in standby. DPMS provided

□ Environmental

Operating temperature	5°C to 40°C
Temperature storage	-20°C to +60°C
Humidity	30 to 85% RH operating, non-condensing
MTBF unit	> 50,000 hours not including backlight

□ Mechanical

Material	Chassis of metal construction, no exposed high voltages
Warranty	3 years panel and electronics, 1 year backlights
Weight	3 KGs (Approx). 12", 5 KGs (Approx) 15"



Please note:
Trident checks all published
Information but cannot
accept any responsibility for
errors or improvements.

Trident also has a full range of complete, fully housed touch monitors with CE certification. Ask for details.

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