



TRIDENT DISPLAYS

OEM LCD DESKTOP MONITORS – 12.1", 14.1" & 15"



Styl ish, versatil e and affordabl e:

- Touchscreen and AV-input options
- VGA-port interface with VGA cabl e & mains power-suppl y
- Easy to use and set-up
- Ful l local support from Trident Displ ays
- 3-year warranty (excl uding backl ight)
- Bright TFTs for strong col ours and high visibil ity
- Compact deskmount outl ine
- Avail abl e in bl ack, cream, wood-effect

TFT LCD Desktop Monitors – 12", 14" & 15" sizes

The Trident range of OEM TFT LCD monitors has been establ ished to suppl y computer resel lers and systems integrators l ooking to incorporate fl at-screen monitors in their offerings. The monitors are suppl ied without a manufacturer's badge on the front and in pl ain cartons. The monitors are made by a major Far-East OEM manufacturer, so the usual concerns of erratic suppl y and poor qual ity endemic to much of the monitor market are avoided.

All the products in the range are simpl y and cl eanl y styl ed and feel sol id and wel l made. The LCDs used are from major suppl iers and the on-board VGA interfaces are easy to set-up and stabl e in use. Each has a simpl e on-screen-displ ay menu set up and the package incl udes mains power suppl y and VGA cabl e.

Features:

- ☐ High qual ity TFTs – 12" 150cd, 800x600 resol ution; 14.1" 200cd 1024x768 resol ution, 15" 200cd 1024x768 resol ution
- ☐ Long-l ife backl ights – 15k to 20k hours depending on model
- ☐ Til ting desk stand on all model s, can be repl aced with wal l mount bracket
- ☐ 14" & 15" XGA model s give ful l -screen expansion from VGA or SVGA
- ☐ Easy to use OSD al l owing quick set up without need for software util ities or tool s
- ☐ Resistive touch avail abl e on 12" model s, SAW touch avail abl e on 15" as options
- ☐ Separate mains PSU 110-250v suppl ied
- ☐ Standard anal ogue interface for direct connection to PC VGA port

Additional features:

- ☐ AV (PAL / NTSC) input avail abl e as option for CCTV / entertainment / mul timedia appl ications
- ☐ All OEM monitors in the range can be suppl ied with sophisticated arm mount for maximum workspace fl exibil ity
- ☐ Custom housing col ours or finishes are avail abl e for vol ume users

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Specification

	12.1" Phantom 14"	14.1" Mirage 15-17"	15.1" Silhouette 17"
Equivalent CRT	800 x 600	1024x768	1024x768
Maximum No of pixels	312x310x162mm	350x332x162mm	403x393x162mm
Overall size	256k	256k	256k
Display Colours	No	Yes	Yes
Full screen expansion	150:1(Typical)	200:1 (Typical)	250:1 (Typical)
Contrast ratio	Resistive (option)	N/A	SAW (option)
Touch type	50ms typical	50ms typical	50ms typical
LCD Response time	150 cd/m ²	200 cd/m ²	200 cd/m ²
Brightness	> 15k hours	> 20k hours	> 20k hours
Back-light (mean time to 50% brightness)	Yes	Yes	Yes
Arm mount available	AV or VGA	Both (option)	Both (option)
VGA / AV PAL / NTSC option			

Operational

Display resolution	800x600 for 12", 14" & 15" accepts 640x480, 800x600 & 1024x768
Video signal	Anal og 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) 14" & 15". 5 watts in standby. DPMS provided

Environmental

Operational 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

Housing colours	Black, cream, wood-effect
Protective window	Option available on all models
Warranty	3yrs panel and electronics, 1 year backlights
Weight	3 Kg (Approx.) 12", 5 Kg (Approx.) 14" & 15"



Part Numbers:

Phantom 400A	12" SVGA
Phantom 400A (T)	as above with touch
Mirage 610A	14" XGA
Mirage 610 AV	as above with AV option
Silhouette 710A	15" XGA
Silhouette 710 AV	as above with AV option

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

Trident also has a full range of OEM chassis monitors with and without touch. Please ask for details. Also ask about swivel arm options, alternative wall and secure mounts, custom case options, and protective windows.

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