# Titan Commercial Grade *Display*

The cost effective **Titan Commercial Grade Display** has arrived. With highly efficient Daylight Readable LED Backlight Technology, Multiple Inputs, our 10, 15 and 19" displays combine today's cutting edge technology with ease of use.

This product includes a potentiometer for complete dimming to black, with a rugged case design so today's commercial user can have a dependable solution in their work environment.

## PRODUCT **FEATURES**

- Full LED backlight

- Deep Dimming

- 0 - 100% via potentiometer

- Rugged Chassis

- Versatile mounting options

- Multiple inputs DVI & VGA

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**+** Versatile **Mounting Options**

| Specifications | 10.4" | 15" | 19" |
|---|---|---|---|
| Order Model Part # | 29-1010 | 29-1510 | 29-1910 |
| External Power Supply | External 115VDC: Standard - External 12V DC: Optional - External 24V DC: Optional | | |
| Display Type | 10.4" Active Matrix TFT | 15.0" Active Matrix TFT | 19.0" Active Matrix TFT |
| Dot Number | 800 x 600 Pixels | 1024 x 768 Pixels | 1280 x 1024 Pixels |
| Dot Pitch | 0.297 mm | 0.297 mm | 0.294mm |
| Response Time | 25ms Average– Typical | 25ms Average– Typical | 25ms Average– Typical |
| Contrast Ratio | 700:1 Typical | 700:1 Typical | 1000:1 Typical |
| Brightness/Light Intensity | 500 cd/m2 | | |
| Viewing Angles (at CR>10) | 80° Left/Right, 80° Up/ Down | 80° Left/Right, 80° Up/ Down | 89° Left/Right, 89° Up/Down |
| Backlight Life | Approx. 50,000 hrs. Typical | | |
| Colour Depth | 16.7 Million (Depending on Graphics Card) | | |
| Dimming Circuit Range | Full Brightness to Black | | |
| DVI-D Input | Digital Interface DVI 1.0 Compatible Interface 85Hz Operation | | |
| Analog RGB Input: | 85 Hz Maximum Analog Bandwidth - 0.5V to 1.0V Analog Input Range - Sync-on-Green (-ve) 0.3V | | |
| Synchronization Range | H Scan: 31.469-79.976 kHz* - V Scan: 56-87 Hz* - *Depending on resolution | | |
| Resolutions VESA Support | 640 x 480 VGA, 800 x 600 SVGA | 1280 x 1024 SXGA*, 1024 x 768 XGA, 800 x 600 SVGA, 640 x 480 VGA *Recommended for optimized resolution | |
| Active Display Area | 304.128 mm x 228.096 mm | 304.128 mm x 228.096 mm | 376.3 mm x 301.1mm |
| Input Voltage AC/DC Supply | 115VAC Input / 12VDC Output | | |
| Power Consumption | 2.4A (29W) @ 12VDC Max. | 4A (48W) @ 12VDC Max. | |
| *Operating Temperature | 32 to +131° F / 0 to + 55 C - *We DO NOT recommend routine operation at extreme temperatures. | | |
| Storage Temp | -13 to +167°F / -25 to +75 °C | -4 to +140°F / -20 to +61°C | |
| Operating Humidity | 30% to 90% (Non-Condensing) | | |
| Storage Humidity | 10% to 90% (Non-Condensing) | | |
| Shock | 10g, 11msec ½ Sine Wave | | |
| Vibration | +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz | | |
| Finish: Black Fine Textured Semi Gloss Powder Coat - **Housing:** Cold Rolled Steel with Anti Corrosion Paint - **Ventilation:** Convection | | | |
| Mounting Style - Surface | Standard Surface mount with optional Flush (embedded) Mount Brackets, or RAM Pedestal Mount | | |
| Panel Cut-Out Size (mm) | 9.24" (235) W X 6.89" (175) H | 14.724" (374) W X 12.283" (312) H | 17.795" (452) W X 15.079" (383) H |
| Display Dimensions (mm) | 10.24" (260) W X 8.78" (223) H X 1.57" (40) D | 14.724" (374) W X 12.283" (312) H X 2.086" (53) D | 17.795" (452) W X 15.079" (383) H X 2.204" (56) D |
| Weight (kg) | 5 lbs (2.3) | 10 lbs (4.6) | 14 lbs (6.4) |
| Input Connectors | 1 DVI, 1 VGA, 1 Composite and 1 S-Video | RGB Signal: 15 Pin Male VGA Connector, DVI Signal: 19 Pin Male DVI Connector, Power: Barrel Connector | |
| Menu Controls | Via Front Mounted Buttons: OSD Picture Features: Size, Position, Colour and Input Selection | | |
| Limited Warranty | 2 Year | | |
| Shipping | Carton (cm): 21 " ( 53 ) W x 20" (51) H x 10" (25) D - Weight (kg): 26 lbs (12) | Carton (cm): 21 " ( 53 ) W x 20" (51) H x 10" (25) D - Weight (kg): 26 lbs (12) | Carton (cm): 23 " ( 58 ) W x 22" (56) H x 11" (28) D - Weight (kg): 34 lbs (15.5) |