

A LIQUID CRYSTAL COLOUR DISPLAY FOR NON-STANDARD SIGNALS

C.A. Designs **LCD154** TFT colour LCD flat panel video monitor features:

- **high contrast and brightness**
- **low power consumption**
- **wide viewing angle**
- **metal case**
- **customised OEM versions from logo change to special cabinets** (even for small quantities)
- **other sizes considered for special order**
- **multiple input configuration –**
 - **RGB analogue with sync on green**
 - **standard VGA type**
 - **S-video**
 - **CVBS composite video (PAL or NTSC)**
 - **TTL video signals (CGA, EGA, etc.)**
- **VESA mounting** (100mm x 100mm)
- **Ability to accept and auto-adjust to a wide range of input signal standards**
- **Horizontal scanning frequency range – 15kHz to 100kHz**
- **Vertical scanning frequency range - 20Hz to 200Hz**
- **Easy manual adjustment for fine tuning of picture**

PRODUCT IMAGES

LCD154 (Front)

Note that the stand is NOT included



SPECIFICATIONS

GENERAL:

TFT Colour LCD Panel Display Area	<ul style="list-style-type: none">• 331mm x 207mm (15.4" / 39cm diagonal)
Resolution	<ul style="list-style-type: none">• Native panel: WXGA (1280 x 800)• Almost any input resolution can be scaled to fit
Pixel Pitch	<ul style="list-style-type: none">• 0.2588 x 0.2588mm
Response Time	<ul style="list-style-type: none">• 6ms typical (Tr = 2ms, Tf = 4ms)
Contrast Ratio (Typical)	<ul style="list-style-type: none">• 400:1
Brightness (Typical)	<ul style="list-style-type: none">• 500cd/m²
View Angle (Contrast Ratio >= 10)	<ul style="list-style-type: none">• Horizontal = 130°, vertical = 110°
Panel Colours	<ul style="list-style-type: none">• 262,144
Back Light (Minimum lifetime of 50,000 hours)	<ul style="list-style-type: none">• 2 lamps

CONTROL FUNCTIONS:

Power	<ul style="list-style-type: none">• LED indicator
On Screen Display	<ul style="list-style-type: none">• Displayed by 'menu' key
Input Connection	<ul style="list-style-type: none">• RGB (3 @ 75ohm BNC connectors)• TTL (9pin 'D' connector)• VGA (15-pin high-density 'D' connector)• S-video (4 pin miniDIN connector)• CVBS 1 (RCA phono connector)• CVBS 2 (RCA phono connector)
Power Consumption	<ul style="list-style-type: none">• 20W typical

ENVIRONMENT:

Operating Temperature & Relative Humidity	<ul style="list-style-type: none">• 0 to 40°C, 10-90% (n.c.)
Dimensions (h x w x d)	<ul style="list-style-type: none">• 250 x 366 x 66mm
Weight	<ul style="list-style-type: none">• 4.8Kg
Power Supply	<ul style="list-style-type: none">• +12v @ 1.6A (2.1mm coaxial DC-in jack connector)

REGULATORY:

Safety & EMI	<ul style="list-style-type: none">• CE Marked
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