



PANEL INFORMATION

Screen Dimensions

7 inch - (18cm Corner to Corner)
Wide Screen (16:9) TFT LCD

Active Area (mm)

152.4mm Wide x 91.44mm High

Native Resolution

(dot) 800 x 480

Number Of Pixels

1,152,000

Dot Pitch (mm)

0.1905(H) x 0.1905(V)

Backlight

CCFL

Response time (Rise/Fall)

12/18 ms

Contrast Ratio

300:1

Brightness

400cd/m² (max)

View Angle (Top / Bottom / Left / Right)

40 / 60 / 60 / 60 deg.

Lamp for life

50,000 Hr

Video Input Systems

NTSC/PAL Auto Switching

Audio

x1 1W Built-in Speaker

Resolution Supports

640 x 480 to 1920 x 1200 @ 60 / 70 / 75Hz

Recommended

800x600 @ 60Hz

Connectors

1x VGA connector

(For connection to computers)

2x Video composite connectors

(can be connected into any composite device)

1x Set of audio connectors

(to enable speakers to work)

1x Video composite connector

(solely for use when connecting to a rear view vehicle camera in cars)

Power Rating

Input

AC100-240V

50/60Hz

0.45Amax

Output

DC12.0V

1.25A

Temperature

Operation (Celsius)

-30 ~ +85

Storage (Celsius)

-40 ~ +85

Mounting

VESA Mountable

Supports 75mm x 75mm Bracket

Monitor Weight

0.5Kg

Dimension

Overall (W) X (H) X (D)mm

179 x 129 x 28

| MODE | H-Resolution | V-Resolution | H-Freq (kHz) | V-Freq (Hz) | H-Pol | V-Pol |
|------|--------------|--------------|--------------|-------------|-------|-------|
| 0 | 640 | 350 | 31.4 | 50.0 | - | + |
| 1 | 640 | 350 | 31.4 | 59.9 | - | + |
| 2 | 640 | 350 | 31.4 | 70.0 | - | + |
| 3 | 640 | 350 | 37.8 | 85.0 | - | + |
| 4 | 720 | 400 | 31.4 | 50.0 | + | - |
| 5 | 720 | 400 | 31.4 | 59.9 | + | - |
| 6 | 720 | 400 | 31.4 | 70.0 | + | - |
| 7 | 720 | 400 | 37.8 | 85.0 | + | - |
| 8 | 640 | 400 | 24.8 | 56.4 | - | - |
| 9 | Reserved | | | | | |
| 10 | 640 | 480 | 31.4 | 50.0 | - | - |
| 11 | 640 | 480 | 31.4 | 59.9 | - | - |
| 12 | Reserved | | | | | |
| 13 | 640 | 480 | 35.0 | 66.6 | - | + |
| 14 | 640 | 480 | 34.9 | 66.6 | - | - |
| 15 | 640 | 480 | 36.0 | 70.0 | - | - |
| 16 | 640 | 480 | 37.8 | 72.8 | - | - |
| 17 | 640 | 480 | 37.5 | 75.0 | - | - |
| 18 | 640 | 480 | 43.2 | 85.0 | - | - |
| 19 | 800 | 600 | 35.1 | 56.2 | + | + |
| 20 | 800 | 600 | 37.8 | 60.3 | + | + |
| 21 | 800 | 600 | 48.8 | 66.8 | - | - |
| 22 | 800 | 600 | 46.4 | 66.9 | + | + |
| 23 | 800 | 600 | 48.0 | 72.1 | + | + |
| 24 | 800 | 600 | 46.8 | 75.0 | + | + |
| 25 | 800 | 600 | 53.6 | 85.0 | + | + |
| 26 | 832 | 624 | 49.7 | 74.5 | - | - |
| 27 | 848 | 480 | 31.0 | 60.0 | - | - |
| 28 | 848 | 480 | 34.9 | 69.9 | + | - |
| 29 | 848 | 480 | 36.0 | 71.9 | + | - |
| 30 | 848 | 480 | 37.6 | 75.0 | + | - |
| 31 | 848 | 480 | 43.0 | 85.1 | + | - |
| 32 | 1024 | 768 | 40.0 | 50.0 | - | - |
| 33 | 1024 | 768 | 41.2 | 50.0 | - | - |
| 34 | 1024 | 768 | 43.6 | 50.0 | - | - |
| 35 | 1024 | 768 | 48.3 | 60.0 | - | - |
| 36 | 1024 | 768 | 53.9 | 66.1 | - | - |
| 37 | 1024 | 768 | 56.4 | 70.0 | - | - |
| 38 | 1024 | 768 | 57.7 | 72.1 | - | - |
| 39 | 1024 | 768 | 60.0 | 75.0 | + | + |
| 40 | 1024 | 768 | 68.6 | 84.9 | + | + |
| 41 | 1152 | 864 | 54.0 | 59.2 | + | + |
| 42 | 1152 | 864 | 63.8 | 70.0 | + | + |
| 43 | 1152 | 864 | 64.8 | 72.0 | + | + |
| 44 | 1152 | 864 | 65.0 | 72.0 | + | + |
| 45 | 1152 | 864 | 67.5 | 75.0 | + | + |
| 46 | 1152 | 864 | 77.1 | 85.0 | + | - |
| 47 | 1152 | 870 | 68.6 | 75.0 | - | - |
| 48 | 1152 | 900 | 61.8 | 65.9 | - | - |
| 49 | 1152 | 900 | 71.7 | 76.0 | - | - |
| 50 | 1280 | 960 | 60.0 | 60.0 | + | + |
| 51 | 1280 | 960 | 70.0 | 70.0 | + | + |
| 52 | 1280 | 960 | 72.1 | 72.0 | + | + |
| 53 | 1280 | 960 | 75.0 | 75.0 | + | + |
| 54 | 1280 | 960 | 86.1 | 84.9 | + | + |
| 55 | 1280 | 1024 | 52.7 | 50.0 | + | + |
| 56 | 1280 | 1024 | 63.9 | 60.0 | + | + |
| 57 | 1280 | 1024 | 70.6 | 66.4 | - | - |
| 58 | 1280 | 1024 | 74.8 | 69.8 | + | + |
| 59 | 1280 | 1024 | 74.6 | 69.8 | + | + |
| 60 | 1280 | 1024 | 76.7 | 72.0 | + | + |

| MODE | H-Resolution | V-Resolution | H-Freq (kHz) | V-Freq (Hz) | H-Pol | V-Pol |
|------|--------------|--------------|--------------|-------------|-------|-------|
| 61 | 1280 | 1024 | 79.9 | 75.0 | + | + |
| 62 | 1280 | 1024 | 91.1 | 85.0 | + | + |
| 63 | 1600 | 1200 | 75.0 | 60.0 | + | + |
| 64 | 1600 | 1200 | 81.2 | 65.0 | + | + |
| 65 | 1600 | 1200 | 87.5 | 70.0 | + | + |
| 66 | 1600 | 1200 | 93.7 | 75.0 | + | + |
| 67 | 1280 | 720 | 44.7 | 60.0 | - | - |
| 68 | 1280 | 768 | 47.7 | 60.0 | - | - |
| 69 | Reserved | | | | | |
| 70 | Reserved | | | | | |
| 71 | Reserved | | | | | |
| 72 | Reserved | | | | | |
| 73 | Reserved | | | | | |
| 74 | 1920 | 1200 | 74.0 | 60.0 | - | - |
| 75 | Reserved | | | | | |
| 76 | 640 | 480 | 33.0 | 64.3 | - | - |
| 77 | 800 | 600 | 43.8 | 70.0 | - | - |
| 78 | 800 | 480 | 29.8 | 56.9 | - | - |
| 79 | 800 | 480 | 31.5 | 60.0 | - | - |
| 80 | 800 | 480 | 34.9 | 66.5 | - | - |
| 81 | 856 | 480 | 29.8 | 60.0 | - | - |
| 82 | 800 | 480 | 36.7 | 70.0 | - | - |
| 83 | 1680 | 1050 | 65.3 | 60.0 | - | + |
| 84 | 1920 | 1080 | 67.5 | 60.0 | - | - |
| 85 | Reserved | | | | | |
| 86 | 1024 | 600 | 37.3 | 60.0 | - | + |