



Input Signal

Video source
R.G.B (0.7/1.0Vpp, 75 ohms)

Frequency
Fh:30-80Khz, Fv: 60-75Hz

Audio

x1 1W Built-in Speaker

Resolution Supported

640 x 480 up to 1920 x 1200 @ 60 / 70 / 75Hz
Recommended
800x600 @ 60Hz

Full resolution details on Page 2

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

0.7Kg

Dimension

Overall (W) X (H) X (D)mm
251.5 x 176 x 27.5

PANEL INFORMATION

Screen Dimensions

10.2 inch (Corner to Corner)
Wide Screen (16:9) TFT LCD

Active Area (mm)

222mm Wide x 132.48mm High

Display Resolution

(dot) 800 x 480

Interface

Digital

Driver Element

a-Si TFT active matrix

Dot Pitch (mm)

0.0925 (W) x 0.276(H)

Colour Configuration

R.G.B. stripe

Backlight unit

CCFL

Response time (Rise/Fall)

12/18 ms

Contrast Ratio

300:1

Brightness

400 nit

View Angle (Top / Bottom / Left / Right)

50 / 70 / 70 / 70 deg.

Lamp for life

50,000 Hr

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	-	+