



Alioscopy HD 42" Data Sheet

Alioscopy HD 42" uses a CMO LCD panel. A specially designed lenticular component is adjusted to this display, converting it in a state of the art 3D display.

LCD Panel	CMO 42" panel
Optical component	Lenticular array
Resolution	1920 x 1080 only (16:9 nominal resolution)
Number of view points	8
2D capacity	Yes
Digital input	DVI only
Display Weight	52 kg
Display dimensions	102 x 61 x 14.5 cm (without stand)
Panel size	93.5 x 53 cm
Optimal viewing distance	4 m
Minimum viewing distance	2.5 m
Maximum viewing distance	10 m
Viewing angle	90° - 100°
Sweet spots width	52 cm (8 x 6.5 cm)
Number of sweet spots	16
Number of spectators	1 to 40

Pixel Pitch [mm]	0.461 x 0.461
Contrast Ratio (typ.)	1500:01:00
Brightness (typ.) [cd/m ²]	500
Response Time (typ.) [ms]	6.5 (grey-to-grey)
Colours [million]	16.7
Horizontal Frequency [kHz]	30 ~ 80
Vertical Frequency [Hz]	56 ~ 75
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Video Input	15 pin D-Sub, Component, 1 x S-Video; 1 x DVI, AV
Audio	Input 1 Output 1
Power Consumption (typ.) [W]	≤300
Power Requirements	AC 100V - 240 V (50/60Hz)
Operating Temperature [°C]	5 to 40

Packaging Weight [kg]	58.5
Packaging Dimensions [cm]	Length: 113.5 – Width: 35.0 – Height: 77.5