3DV SPATIAL DISPLAY DATASHEET

27 inch Pro Display

Main professional workstation. 4K/60Hz glasses-free 3D all-in-one display with structured-light eye tracking, LCD lenticular optics, integrated media hardware, and large-format deployment interfaces.

Pro Series | Large size | LCD lenticular light-transmission grating | LCD lenticular optics | All-in-one media hardware | 4K / 60Hz

Pro

Great for 2D/3D content

27”

MODEL

Model	27 inch Pro Display
Series	Pro Series
Recommended role	Main professional workstation
Screen size	27 inch
Optical grating	LCD lenticular light-transmission grating
Active area	597.6 x 336 mm
Overall dimensions	650 x 392 x 50 mm
Case & color	Aluminum alloy / sheet metal, star gray or black
Weight	Estimated by project logistics
Shipping dimensions	Estimated by project logistics
Installation method	Wall mount / VESA mounting

LCD PANEL

Resolution	3840 x 2160 (4K)
Refresh rate	60 Hz
Backlight	LED
Brightness	300 cd/m2
Contrast ratio	4000:1
Response time	<= 6.5 ms
Display colors	16.7M colors
Viewing angle	89 / 89 / 89 / 89 deg (CR >= 10)
Backlight life	> 30,000 hrs
Display mode	a-Si TFT-LCD, normally black, transmissive

3D PARAMETERS

Optical grating	LCD lenticular light-transmission grating
Eye-tracking system	Structured light
3D image preset method	Laser lithography imaging
3D optical transmittance	89%
Continuous viewing angle	55 deg
Display depth	30 cm
2D / 3D switching mode	All-in-one 3D display mode

I/O, POWER & ENVIRONMENT

IO Input	1 x HDMI, 3 x USB 2.0
Input voltage	90V - 260V AC, 50/60Hz
Power consumption	60W
Operating temperature	0 - 50 C
Storage temperature	-20 - 60 C
Operating humidity	20 - 80% RH, non-condensing
Maximum daily operation	18 hours/day

Accessories

Remote control x 1; power cord x 1; battery x 1; certificate x 1; manual x 1; warranty card x 1; wall mount x 1.

Configuration note

Check final ports, bundle contents, and mounting accessories against the purchase configuration before shipment documentation.

Contact

3dv.io / shop.3dv.io / Request demo and model guidance at 3dv.io/request-demo/