

27 inch Pro Display with Touch

Interactive professional workstation and touch-enabled spatial review. Touch-enabled 4K glasses-free 3D display with switchable LCD lenticular optics, structured-light eye tracking, FPGA real-time rendering, and built-in speakers.

Pro Series

Large size

Switchable LCD lenticular lens

Touch input

Structured-light tracking

4K / 60Hz

Pro with Touch

Great for 2D/3D content

27"



MODEL		LCD PANEL	
Model	27 inch Pro Display with Touch	Resolution	3840 x 2160 (4K)
Series	Pro Series	Backlight	LED
Recommended role	Interactive professional workstation and touch-enabled spatial review	Aspect ratio	16:9
Screen size	27 inch with Touch	Brightness	350 cd/m2
Optical grating	Switchable LCD lenticular lens	Contrast ratio	1000:1
Active area	597.6 x 336 mm	Response time	18 ms (GTG)
Overall dimensions	654 x 424.7 x 60.1 mm	Display colors	1.07B colors
Case & color	Metal, black	Backlight life	30,000 hrs
Weight	Net 13 kg / gross 15 kg		
Shipping dimensions	760 x 540 x 160 mm carton		
Installation method	100 x 200 mm / 100 x 100 mm M4 VESA		

3D PARAMETERS	
Optical grating	Switchable LCD lenticular lens
Eye-tracking system	Structured light / 180Hz
Viewpoints	2
Viewing distance	500 - 1000 mm (optimal 700 - 800 mm)
3D format	Side-by-Side
Color format	RGB888 / YUV444
Video frame rate	30Hz / 60Hz
3D rendering method	FPGA real-time rendering
2D / 3D switching mode	Physical switch

I/O, POWER & ENVIRONMENT

Touch interface	Dedicated USB touch interface
Calibration interfaces	3 x USB
Video interface	1 x HDMI Type-A
Audio	Built-in speakers
Input voltage	100V - 240V AC, 50/60Hz
Static power consumption	<= 48W
Operating temperature	0 - 50 C
Storage temperature	-20 - 60 C
Relative humidity	10 - 90% RH at 40 C
Working hours	7 x 24 hours operation
Warranty	1-year standard warranty

Accessories

1.5 m standard power cord x 1; 1.8 m HDMI cable 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](https://3dv.io/shop.3dv.io/) / Request demo and model guidance at 3dv.io/request-demo/