3DV SPATIAL DISPLAY DATASHEET

15.6 inch Pro Display

Portable workstation, compact mixed 2D/3D work. 4K/60Hz glasses-free spatial display with FPGA real-time rendering, structured-light eye tracking, and physical 2D/3D switching.

Pro Series | Small size | Active switchable optical grating | FPGA Delicate Driver | 4K / 60Hz

Pro

15.6”

Great for 2D/3D content

MODEL

Model	15.6 inch Pro Display
Series	Pro Series
Recommended role	Portable workstation, compact mixed 2D/3D work
Screen size	15.6 inch
Optical grating	Active switchable optical grating
Active area	344.2 x 193.6 mm
Overall dimensions	368 x 255 x 40.2 mm
Case & color	Metal, black
Weight	Net weight approx. 4.0 kg / gross weight approx. 5.0 kg
Shipping dimensions	Estimated by project logistics
Installation method	100 x 200 mm / 100 x 100 mm M4 VESA

LCD PANEL

Resolution	3840 x 2160 (4K)
Refresh rate	60 Hz
Aspect ratio	16:9
Backlight	LED
Display colors	1.07B colors
Brightness	350 nits
Contrast ratio	1000:1
Response time	18 ms (GTG)
Backlight life	30,000 hrs

3D PARAMETERS

3D rendering method	FPGA real-time rendering
Viewpoints	2
Eye-tracking system	Structured light / 180 Hz
Viewing distance	500 - 1000 mm (optimal 700 - 800 mm)
3D format	Side-by-side format
Color format	RGB888, YUV444
2D / 3D switching mode	Physical switch
Eye-tracking coordinate sharing	Supported
Light field rendering customization	Supported

I/O, POWER & ENVIRONMENT

Video interface	1 x HDMI Type-A
USB interface	3 x USB
Input voltage	100V - 240V (50/60Hz)
Static power consumption	<= 48W
Operating temperature	0 - 50 C (32 - 122 F)
Storage temperature	-20 - 60 C (-4 - 140 F)
Relative humidity	10 - 90% @ 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.

Weight note

14 inch and 15.6 inch weights are estimated from 27/32 inch size-weight ratios and should be confirmed before final shipment documentation.

Contact

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