

Holo – Display Mini

Transforming Digital interaction



The Holo-Display Mini is a 32-inch desktop holographic display that delivers realistic 3D visuals right at your desk. Ideal for detailed modelling and simulations, it enhances individual data analysis and presentations with immersive holographic imagery.

The Holo-Display Mini is an innovative 32-inch desktop holographic display designed by Tekle Holographics, bringing realistic 3D visualization directly to your workspace. With its compact size and advanced projection technology, it transforms the way you interact with data and models at your desk.

Featuring high-resolution holography with 4K per eye, the Holo-Display Mini delivers immersive and detailed 3D visuals. Its Mini LED backlighting and impressive colour gamut—covering 99% DCI-P3 and Adobe RGB—ensure vibrant and precise imagery. Supporting both 3D and 2D modes, the display offers flexibility for various professional applications.

Due to its form and size, the Holo-Display Mini is ideal for detailed analysis, modelling, and simulations. Whether you're working on intricate designs, exploring complex simulations, or presenting data, this device enhances your ability to understand and interact with your work in a more engaging way.

Holo-Display Mini Product Overview

A significant advantage of the Holo-Display Mini is its ability to streamline the preparation of data and visuals for other Tekle Holographics devices. By providing an accurate representation of how content will appear on larger holographic systems, it saves time and resources. Employees can develop and refine applications directly from their workstation without the need to constantly move between their PC and the larger devices. This seamless workflow increases efficiency and reduces costs associated with production and testing.

Designed for individual use, the Holo-Display Mini provides a personal and immersive experience. Its high brightness of 700 cd/m² and wide viewing angles ensure clear visuals from different perspectives. The display connects seamlessly with your PC or laptop via DisplayPort or HDMI, supporting DP1.4 and HDMI 2.1 standards for high-quality signal input.

The Holo-Display Mini's potential applications span numerous sectors. In engineering and architecture, it allows professionals to visualize designs in 3D, enhancing precision and creativity. In medical imaging, it provides detailed views of anatomical structures, aiding in diagnosis and education. In education and training, it brings concepts to life, fostering better understanding and engagement.

the Holo-Display Mini redefines desktop visualization by offering a unique, immersive approach to interacting with complex data and models. It's more than a display—it's a powerful tool that enhances your professional capabilities right at your desk, while also streamlining the development process for larger holographic systems.

Holo-Display Mini Product Data Sheet

Physical Specifications	
Dimensions (without stand)	740 × 483 × 65.1 mm
Dimensions (with stand):	740 × 635.6 × 240 mm
Net Weight	14.1 kg (excluding bracket)
Mounting Hole Spacing (VESA Standard):	100 × 100 mm or 200 × 100 mm M4 × L12-15 mm

Power	
Input	DC 24V +/-10%, 10A
Max. Power Consumption	200 Watt
Features and Functions	3D/2D switching

Accessories	
LCD Display	Screw Pack
Quick Start Guide	HDMI Cable
Power Cord	USB Flash Drive (user manual)
Power Adapter	Bracket
DP Cable	Base
USB Cable	

Specifications	
Type:	Color Display
Size:	32"
Backlight	Mini LED
Aspect Ratio	16:9
Number of Information Points:	130 million
2D Resolution:	16K
3D Resolution:	4K per Eye
2D Viewing Angle:	178°/178°
3D Viewing Angle:	Horizontal +/- 30°, Vertical +/- 25°
3D Viewing Distance:	0.7m-1.5m
Display Colors:	8-bit
Brightness (Typical):	700 cd/m ²
Color Gamut:	DCI-P3 99%, Adobe 99%, sRGB 100%
Refresh Rate:	60Hz per eye
Contrast Ratio (Typical):	1000:1
Video Signal (Input)	DisplayPort: DP×2, supports DP1.4 HDMI: HDMI×1, supports HDMI 2.1