Last updated : 2/9/2021

Introducing The Voxon VX1

The World's Most Advanced Volumetric Display

It may look like a hologram, but it's much more: its imagery is interactive, its software is expandable and its hardware is capable of rendering a 3D image without the need for headgear, glasses or any other external devices. The **VX1** brings digital content to life and makes viewing 3D content simple, social and instant.

Inside a **VX1** is a blend of software, mechanical and electrical engineering. These systems work together to create a volumetric computer capable of running an ever-growing software stack of new applications, media and experiences. With an easy to use graphical user interface, continuing application development and support for many common 3D file types, the **VX1** makes science fiction a reality.

Volumetric technology may be cutting-edge but, emotionally, it couldn't be simpler.

Features

- Physically creates a 3D image viewable by any angle from any number of people without the need for 3D glasses or headsets.
- Volumetric display includes an internal *Intel NUC* computer with a library of volumetric software.
- Support for common 3D file types such as .obj, .stl, .ply, .kv6, .dcm (DICOM), .jpg, .png and more.
- Compatible with many peripherals including depth camera and motion tracking solutions.
- Software and content developer kit available via website (www.voxon.co)

"...People have been looking for this kind of solution for years now and what Voxon is offering is the Holy Grail of Holograms" - *Amelia Kallman Futurist, Speaker, Author*

"What a fantastic example of South Australian innovation." *Malcolm Turnbull, Prime Minister of Australia*

Website	: voxon.co
Youtube	: youtube.com/voxonphotonics
LinkedIn	: linkedin.com/company/voxonphotonics
Twitter	: twitter.com/voxonphotonics
Facebook	: facebook.com/voxonphotonics

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VX1 Technical Specifications

Size	39cm x 39cm x 42cm
Weight	14kg unboxed, 19 kg when boxed for shipping
Operating Voltage	110 - 240V 50/60Hz. External 12V DC power supply (included)
Operating Noise	~55 DBA at 15 cms form source
Warranty	12 Months limited warranty from date of delivery
Volumetric Technique	Swept surface
Display Volume Size	18cm x 18xcm x 8cm
Display Refresh Rate	15 volumes per second (30 interlaced)
Display Resolution	912 x 1140 x 192 (~200 million) voxels
Number of Slices	192
Colour Modes	High resolution monochrome mode in R,G,B,C,M,Y or W Colour mode (R/G/B interlaced), 2 Color mode (hybrid)
Brightness	Light projection at 650 lumens (in monochrome)
Inputs	USB 3.0 x 7
Computer	Dual Core Intel NUC i5 with 8GB RAM & 250 GB SSD
Secondary Screen	1024 x 600 Touch screen
Operating System	Voxon Vertex and Runtime running on Windows 10
Audio Speaker	3.5 Inch speaker x 1
Included peripherals	Wireless Keyboard and Mouse combo 3Dconnexion SpaceNavigator
Peripheral Support	Keyboard, Mouse, 3D connexion SpaceNavigator, Xinput and Direct Input controller support, Leap Motion, Microsoft Kinect, Intel Realsense.
Support 3D data types	.obj, .stl, .ply, .kv6, .mol, .fbx, DICOM, .jpg, .png (including heightmap)
Software Development	C, C++ & Unity plugin. Software emulator (runs on any Windows PC)

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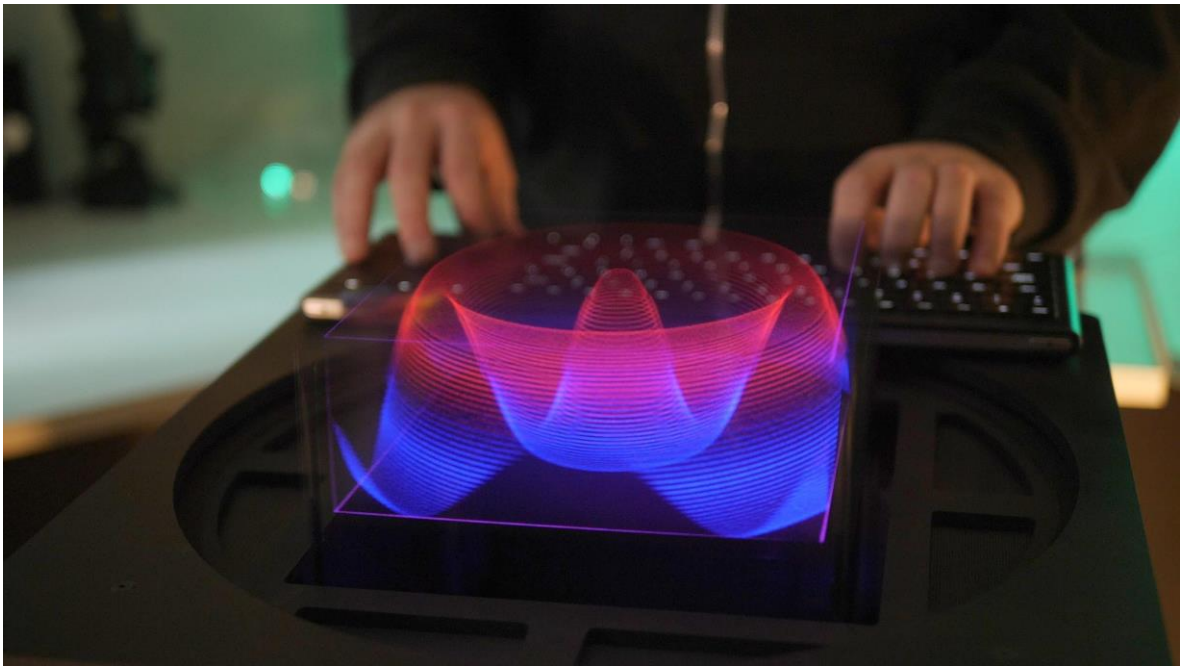

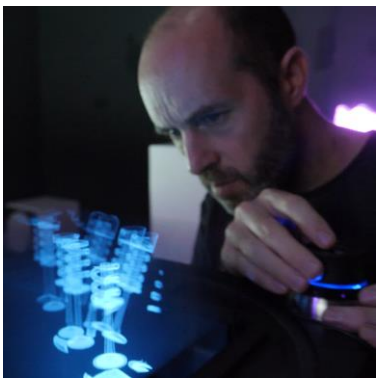

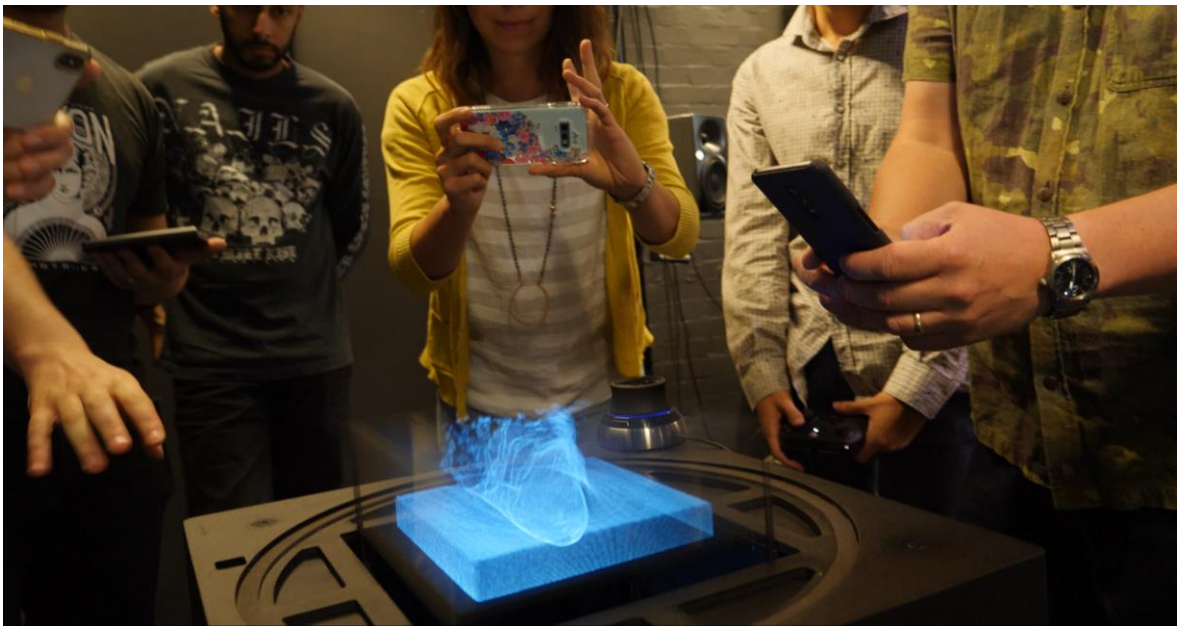

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