Tech Specs

**Specifications**

Capture System

* 1.2 mm geometry resolution (triangle edge length)
* 3.5 milliseconds capture time
* On-board modular, intelligent flash units
* Stereophotogrammetry technology
* Floor stand
* Stool
* Dell computer and flat panel display
* [Download Dimensional Specifications](https://www.canfieldsci.com/common/docs/imaging-systems/vectra-m3-3d-imaging-system/VECTRAM3Dimensions.pdf) (pdf)

Software

* VECTRA® Capture Module
* Face Sculptor®
* Skin Analysis Sculptor (optional)
* RBX® image processing
* VECTRA® 3D Analysis Module
* Mirror® PhotoFile®
* Mirror® PhotoTools®

**Requirements**

System Power

* 100-120V AC, 50/60 Hz, 4.0A or
* 220-240V AC, 50/60 Hz, 4.0A

Capture Computer

* Configured and supplied by Canfield. Computers from other suppliers are not supported.

Consultation Computer Recommendations (not supplied)

* Operating system:
	+ Windows 10 Professional, 64 bit – (Recommended)
	+ NOT SUPPORTED: Windows Home Edition and Windows VISTA
* Processor: 2.2Ghz Quad Core i5, 7th Gen or higher (Intel i7 7th Gen or higher, recommended)
* System memory (RAM): 16 GB or higher
* Minimum 2 GB available disk space for installing application
* Minimum 1 TB available disk space recommended for data
* Graphics card:
	+ 1 GB dedicated memory minimum (2 GB Highly Recommended)
	+ Dedicated nVidia or AMD cards (nVidia Highly Recommended)
	+ Driver: latest available
	+ 3.0 or later Open GL
* USB Ports: 2 dedicated ports (USB 2.0)
* Display: 1920 x 1080 (4K monitors not currently optimized)
* Microsoft Security Essentials anti-virus software recommended
* Wired printers (recommended for speed)
* 1 Gbps Ethernet connection for networking - Wifi not supported

Mirror iPad App (used for VECTRA 3D images)

* Miminum support of 802.11n or later protocol by the intra-office Wi-Fi router
* Requires iPad capable of running the current version of iOS

Server / Network Guidelines (not supplied - Minimum recommendations)

* Windows Server 2016 64-bit and 2019 64-bit
* Microsoft SQL Server 2016, 2017 and 2019 (Express edition is installed by default)
* 2.2 GHz or faster processor
* 16GB system memory (RAM)
* 1 Gbps wired LAN connectivity (Wi-Fi not supported)
* 1 Terabyte HDD, minimum. Space required is dependent upon patient volume, camera used, and settings.
* RAID 1 - NOT SUPPORTED
* Regularly scheduled backups are highly recommended.

Notes

* We do not support using a server class OS as a workstation.
* WAN Connectivity is NOT supported
* Workstation based cloud licensing