

Customer Site Requirements - P200DTx

The following information outlines the equipment customers must have in place before an Optos device can be installed. This document can also be used if a customer wants to upgrade their own Viewing PCs.

More details can be found in the Technical Data Specification section in the User Guide. Please contact Optos for more information (see optos.com).

Network

Customers must provide the network needed to connect the scan head to the PCs and servers in the system.

Optos will supply expertise on the device and assist a customer network specialist in providing information so the device can be connected to a customer network. Optos is not specialized in networks and therefore can only help support networks from a product data perspective.

Network	Cabling	Protocol	PC Cards
Gigabit Ethernet ¹	CAT 6	TCP/IP	1000 autosensing NIC ^{1&2}

Electrical Requirements

Customers must provide a dedicated power supply.

Europe	North America
200-240V, 50/60Hz, 1.5A	100-120V, 50/60Hz, 3A

Customer Supplied Viewing PCs

When connected to a network, some system configurations may connect to Customer supplied Viewing PCs. These PCs should meet the following specification. We only support the Operating Systems listed below. Emulators should not be used.

Any PCs being purchased should exceed the recommended specification to gain the longest life span from the new PC.

Existing customer PCs can be used as Viewing PCs.

Processor	RAM	Graphics Card	Monitor	Hard Disk	Operating System
Intel Pentium-4 (or equivalent)	1GB	1280 x 1024 with 16.2 million colors	Flat panel ³	1GB free	Windows 7 and Windows 8

Internet Access

Customers are required to provide broadband internet access prior to the installation of the equipment. This ensures that the system can transfer system and diagnostic logs to Optos. This also allows for potential remote diagnostic repair and software upgrades. Optos will never access patient data information files without customer's permission.

Emailing optomap® Retinal Images

Please note that although optomap images can be emailed using the Review features the device does not receive incoming emails. Customers need their own email address to receive a response to any images sent.

Printing optomap® Retinal Images

Installation of a printer is the responsibility of the customer. Optos does not provide any support for the performance of that printer. Optos cannot guarantee any minimum performance level nor output quality from any standard printer due to the nature of the printing processes. The use of a print as an assist to diagnosis is determined by the clinician.

We would initially recommend a high quality letter/A4 inkjet printer to give a balance between cost of purchase, cost of consumables and image quality.

Space Requirements (to the nearest unit)

The Image Server PC must be positioned more than 1.5 meters (5 ft) from the scan head.

	Scan Head Dimensions
Width:	550 mm (22 inches)
Depth:	550 mm (22 inches) including chin rest
Height:	608-632 mm (24-25 inches)
Weight:	34 kg (75 lbs)
Door access width:	760mm (30 inches)



Requirements (ambient)

Low ambient light levels are required for effective image capture.

Temperature	Relative Humidity	Atmospheric Pressure
+10°C to +35°C	30% to 75%	700hPa to 1060hPa

Do not use in environments which do not meet the Safety Guidelines in the User Guide.

¹Lower specifications may be used, but with reduced performance and reliability.

²Network Interface Cards.

³Contrast ratio can vary between different flat screens. It is the customer's responsibility to evaluate the screen image to ensure that it meets his/her requirements for monitoring the retina.