



Teledyne PDS V4.4

System requirements

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Teledyne PDS V4.4 System requirements

Operating Systems supported (32 bit * and 64 bit)

- MS Windows 8 (and 8.1)
- MS Windows 10

* Having a 32 bit operating system limits the amount of usable internal memory for MS Windows to 4 GB.

Virtual environment

Running Teledyne PDS in a virtual environment is known to work with: MS - Virtual PC, VM-Ware and Parallels Desktop 9 for Mac.

However, note that configuring these virtual environments for proper use of Teledyne PDS can be cumbersome and is not by default supported by Teledyne RESON.

Problem areas are for instance: USB shared Teledyne PDS dongles, serial ports transport from host machine operating system to client operating system, proper usage of display adapters (in 3D OpenGL usage).

Requirement desktop and laptop systems

A computer not complying with the correct system requirements result in poor performance of Teledyne PDS or even malfunctioning of the software.

The minimum requirements apply for low data consuming / processing applications such as dredge and single beam applications. Preferred requirements apply for high data consuming / processing applications such as multibeam and side scan sonar applications. Contact Teledyne RESON if in doubt.

	Minimum requirements	Preferred requirements
CPU	Modern Hyper Threading processor (we propose minimum 4 threads); or equivalent multi core processor	Modern Hyper Threading processor (we propose minimum 8 threads); or equivalent multi core processor
Monitor	Single monitor system with 1920 x 1080 resolution	Dual monitor system with both minimum 1920 x 1080 resolution
Graphic card	OpenGL 3.30 support and 2GB of memory e. g. NVidia GeForce GTX 1050 or better	OpenGL 3.30 support and min. 4GB of memory e. g. NVidia GeForce GTX 1080 / NVidia Quadro P1000 or better
Internal memory	8 GB	16 GB
Hard disk	1 x 500 GB (SSD type)	1 TB or more (SSD type)
Multi serial I/O		
Network	Gigabit Ethernet	Gigabit Ethernet