

# VistaVision

a unique and simple CHART PANEL to meet all professional needs in vision testing !

## VistaVision detailed technical information

### VISTAVISION PRODUCT GOAL:

- VistaVision is a comprehensive visual acuity system; it is a completely new product, the 4<sup>th</sup> generation of DMD Med Tech s.r.l. Acuity Chart System, born thanks to the last ten years of hardware, software and ophthalmic expertise, development as a result of thousands of DMD Chart Panel used distributed all around the world.
- Every sub-systems of VistaVision has been re-designed and tested just to meet all users need in vision testing and to solve previous chart panels limits.
- 5 years warranty, is the goal reached by DMD Med Tech thanks to high reliability and quality product.

### EASY TO USE:

- Powered on "like a Television": just press a remote control key and the VistaVision builds-up in few seconds.
- Just press the 3 yellow remote control keys and the user can run all chosen tests.
- Just keep down the red remote control key and the VistaVision powers-off immediately.

### HARDWARE:

- Completely new design for the Electronic Board, ad-hoc for VistaVision to reach the best reliability.
- Silent: fanless cooling system and silent data storage system.
- AMD™ 800 CPU for high reliability and extremely low power consumption, for long-life electronic duration.
- Fast Compact Flash storage system, to avoid data storage problems and shock data damage.
- Reduction of electronic components number to improve reliability and minimize VistaVision cost.

### LINUX:

- Ad-hoc Linux for light performable and reliable system, developed by Silvan Calarco, the project manager of the first Italian Linux distribution, made completely from scratch! (more info: <http://www.mambasoft.it/> and <http://www.openmamba.org/>).
- Built on open software to minimize VistaVision cost.

### VISTAVISION SOFTWARE:

- Completely new software design for a more intuitive use and a better Graphical User Interface.
- Developed with open source instruments to minimize VistaVision cost.

### EASY UPGRADE:

- USB 2.0 connection for a fast Linux and software upgrade.
- With a USB flash drive supplied by DMD Med Tech (called also VUP: [www.dmdmedtech.it/freedocs/VUP-en.pdf](http://www.dmdmedtech.it/freedocs/VUP-en.pdf)) everyone can upgrade or restore VistaVision software just insert the USB KEY and power-on the VistaVision (in only 3 minutes the final user or distributor can run the automatic update procedure without using keyboard or mouse or disassembling the case).

### LCD PANEL and CASE:

- Developed on NEC LCD screen to guarantee product uniformity, high reliability LCD lamp and inverter.
- LCD luminance calibration by INOA (National Applied Optical Institute; more info: <http://www.ino.it/> ) to guarantee quality luminance performances.
- Stylish design to give the right high quality perceived by the final user.

### PRODUCTION QUALITY - Each system tested with:

- ICT for Electronic board (In Circuit Test),
- 2000 power-on, build-up and power-off cycles,
- 12 hours diagnostic software test,
- 12 hours climatic room,
- 12 hours automatic VistaVision software used with one random remote control key pressed every 2 seconds.



VISTAVISION® is a registered trademark of DMD Med Tech s.r.l.



VistaVision is engineered and produced by DMD Med Tech srl

Via Monviso, 14 – 10090 Villarbasse Torino Italy; Tel ++39 0119528282; Fax ++39 0119528402

For price request, distribution agreement or info: [www.dmdmedtech.it](http://www.dmdmedtech.it), [medtech@dmd.it](mailto:medtech@dmd.it)

