

INNOVATIVE TECHNOLOGIES: Digital Horizon



Transvideo was the first company to introduce a digital horizon working in both standard definition and HD. For the past 15 years the functions have become more & more sophisticated to satisfy Operators' requests.

Horizon1 aka AvengerLevel™:

The CinemonitorHD have a built-in horizon sensor. The Operator can also connect to a Betz external sensor. The level can be displayed in 6 different renditions and be re-positioned to the user's liking anywhere on the screen. The direction of the level can be set to normal or reverse. The sensitivity is adjustable to 5°, 10°, 22°, 45°, 90°. The Operator sets the 0 level by pressing the 0 Calibration function. A timer of 5 secs allows the Operator to level the lens. The CAL on TAP function allows to calibrate the level by tapping on the Transvideo logo below the screen (without pressing any key nor entering a menu).



VirtualHorizon2™: is a patented gyrostabilized electronic bubble with real-time shock & acceleration compensations.

The lateral acceleration is evaluated in real time and corrects the position of the leveler. If the Operator pans while keeping the lens levelled, liquid horizons will shift to the side. The Horizon2 completely eliminates this false information.

Additionally a shock filtering increases the stability of the level.

On top of all the features of the Horizon1, the sensitivity can also be set to 2° or Linear.



It is an optional feature on CineMonitorHD Evolution (must be ordered with the monitor). Upgrades available (hardware & firmware dependent). It is included in all the Cinemonitors X-SBL.

VirtualHorizon3™: it is a mini external sensor (weighing 1.5 oz) for the Horizon2 that can be positioned anywhere on a sled or crane. It can be set to monitor the Y or X axis. It will by-pass the built-in sensor and transmit its position via Bluetooth to the CinemonitorHD Evolution with Horizon2 option and all CinemonitorHD X-SBL.



NB: The 5" StarliteHD, 7" RainbowHD and 7" StargateFHD feature simplified versions of the Horizon1.