Difference Between V1 and V2 Laser Line Probes

Version 1 Laser line Probe (V1 LLP) is FARO's first generation non contact scanning probe. Accuracy = 0.1mm; Repeatability = +/-0.1mm

V1 LLP is no longer in production.

Version 2 Laser Line Probe (V2 LLP) is FARO's second generation non contact scanning probe. Accuracy = 0.05mm; Repeatability = +/-0.05mm.

Other enhancements include:
- Pulsing Laser, more powerful
- Rotated CCD for wider scans (25% increase in effective width)
- All new electronics; better optics
- Thermostatically compensated laser body for better temperature stability in a wide range of ambient environments
- New mounting design for the laser, CCD, camera lens and laser optics for improved temperature stability and resistance to drop damage
- New calibration process for improved accuracy.

NOTE: Any given LLP Version can undergo periodic updates/upgrades referred to as Revisions. It is important not to confuse these two terms. Currently the V2 LLP is at Revision 4.x. This does not mean that this is a Version 4 LLP with new specs; this simply means that this is the same V2 LLP in its 4th round of updates and quality improvements. Published Performance specifications do not change within a given Version.

ALSO, LLP mounts are not compatible with USB Arms Rev3 and below, meaning that the LLP will not fit in early USB arm models.

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