Valens at a Glance

Valens is the leading provider of HDBaseT semiconductor products for the transmission of high-speed video and data. Valens focuses on optimizing connectivity through the simplest available infrastructure for the audiovisual and automotive markets.

Fast Facts

- Inventor and facilitator of HDBaseT
- Two main business units – Audio-Video and Automotive, addressing a range of applications
- Co-founder of the HDBaseT Alliance, now with more than 200 members
- Established in 2006, Valens is a private company headquartered in Israel with offices worldwide
- Winner of a 67th Annual Technology & Engineering Emmy® Award

Pushing the Boundaries of Wired Connectivity. Everywhere.

Valens delivers unprecedented value and simplicity in the transmission of different native interfaces, such as ultra-high-definition 4K video, audio, Ethernet, controls, USB, PCIe and power over a single cable. Valens’ chipsets are embedded into products for the professional audiovisual, consumer electronics, industrial, medical, and automotive markets.

Our powerhouse HDBaseT chipsets facilitate the delivery of high-performance interfaces over longer distances while optimizing the wiring infrastructure.

HDBaseT: Optimized Convergence for Audiovisual & Automotive Applications

Audiovisual: 100m/328ft over Cat6

Automotive: 15m/50ft over UTP, STP or Coax
Driving the Future of Autonomous Vehicles

Valens Automotive technology enables the simultaneous tunneling of symmetric or asymmetric multi-Gigabit data streams to support the connected car. Valens brings the convergence of audio & video, Ethernet, USB, PCIe, controls, and power over a single 100m/328ft LAN cable or several kilometers of fiber.

Valens Automotive has been selected as the baseline for the MIPI® Alliance A-PHY automotive standard for long-reach, ultra-high-speed video transmission.

› Multi-Gigabit transmission and convergence of several interfaces
› Inherent networking capabilities, with low latency, high resiliency, reliability and robustness to address the EMC challenges in the car
› Suitable for a range of applications, such as autonomous driving, infotainment & telematics, smart antenna connectivity, high performance computing (HPC), and more