



- **PoH Compliant 88W PD Module**
- **Low 8mm profile**
8mm(H)x70mm(W)x70mm(D)
- **High Efficiency**
- **PoH Signature**
- **IEEE802.3af and IEEE802.3at backwards compatibility**
- **Overload & short-circuit protection**
- **1500V isolation (input to output)**
- **Minimal external components**
- **Simple integration**

Silvertel's Ag5610 is a low profile Powered Device (PD) module designed to be fully compliant with the Power over HDBaseT (POH) standard. It will extract power from any CAT5e/CAT6 connected POE device such as a mid- or end-span POH switch, or equipment with Silvertel's Ag6600 POH PSE module built in.

Ag5610 is only 8mm high, specifically designed for mounting in the back of thin LCD screens, for full 5-Play™ HDBT applications. The module provides POE/POH signatures, and DC to DC voltage conversion with 1.5kV isolation to power the device.

The low profile, overall size and high power of this POH compliant module make it ideal for driving a wide range of products such as LCD TV's, audio-visual equipment, digital signage, laptops and computer monitors.

The Ag5610's on-board μ -controller monitors multiple parameters, including input voltage, output current and output diode temperature. Any parameter exceeding its specifications will automatically cause the output to cut off within 10ms. Continuous monitoring ensures normal operation will not resume until the parameter returns within specification. PoH smart signatures detect correct connection as opposed to much lower power IEEE802.3af or IEEE802.3at devices.

For more details on HDBaseT and POH applications and products see www.hdbaset.org.

Silvertel design and manufacture a wide range of PoE modules in various packages and sizes, at everything from low power 12W 802.3af up to POH and even 200W.



HD AV server with POH PSE