

- **PoH Compliant 88W PD Module**
- **Small size PD half brick.**
- **High Efficiency**
- **PoH Signature**
- **Backwards compatible with IEEE 802.3af and 802.3at**
- **Overload and short-circuit protection**
- **1500V isolation (input to output)**
- **Minimal external components**
- **Simple integration**

Silvertel's Ag5600 is an 88W (max) Powered Device (PD) module that conforms to the Power over HDBaseT (PoH) standard. It can extract POE power from any CAT5e/CAT6 connected device such as a mid-span or end-span POH switch, or equipment with Silvertel's Ag6600 PSE module built in.

The Ag5600 PD supplies the POE signature and provides DC to DC voltage conversion to power the end equipment. This is a total solution which includes 1.5kV isolation.

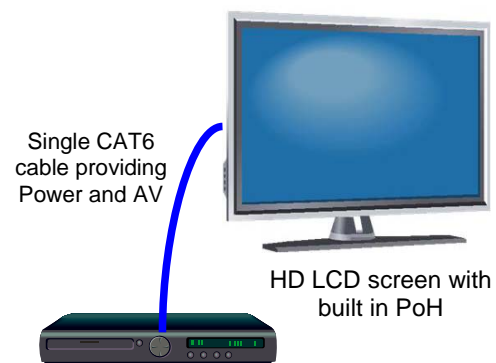
The high power provided by POH allows it to drive a wide range of end-user devices including various audio-visual equipment, digital signage, Point-of-Sale systems, LCD TV's, computer monitors and video projectors.

The Ag5600s' 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 DC/DC 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.

Silvertel design and manufacture a range of PoE devices with options from low power 802.3af up to 200W.

Ideal applications:-

Digital signage, lighting, HD LCD TVs, media servers, computers, POS systems, information displays etc.



HD AV server with POH PSE