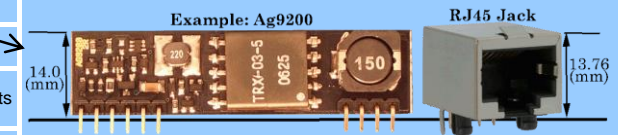

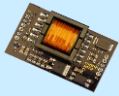
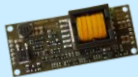

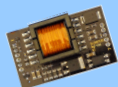
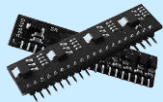


Product Family	Part No.	Nominal Output Voltage	max Output Power	External Components Required	Benefits	
Worlds Smallest Isolated PoE Powered Device 	Ag9924	24V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	M : Standard module Smallest PD solution available in the world Low cost Class 0 operation MT : Provides Over Temperature Protection MT: Operation from -40°C up to +85°C. - derated for output power. SMT package size-21mm(L) x 14mm(W) x 13.35mm(H)	
	Ag9912	12V	12W			
	Ag9905	5V	9W			
	Ag9903	3.3V	6W			
Isolated PoE Powered Device (PD) Modules	Ag9800 	Ag9812	12V	12W	Two Bridge Rectifiers Low Cost Smoothing capacitor	M : Standard module Small PD solution Low cost Class 0 operation MT : Provides Over Temperature Protection SMT package size-28mm(L) x 17.8mm(W) x 12mm(H)
		Ag9805	5V	9W		
		Ag9803	3.3V	6W		
	Ag9700 	Ag9712	12V	12W	S:2 bridge rectifiers & low cost smoothing capacitor 2BR:Low cost smoothing cap (BRs are onboard)	Very low cost isolated solution Pin compatible with Ag9400/Ag9600 Class 0 operation SIL package - 56mm(L) x 18mm(W) x 14mm(H)
		Ag9705	5V	9W		
		Ag9703	3.3V	6W		
	Ag9700-FL 	Ag9724-FL	24V	12W	Low cost smoothing capacitor (Bridge Rectifiers are onboard)	Industrial Temperature Over Temperature Protection Very low Ripple Output Programmable Classification Pin compatible & suggested replacement for Ag9000 SIL package - 56mm(L) x 18(W) x 14mm(H)
		Ag9712-FL	12V	12W		
		Ag9705-FL	5V	9W		
		Ag9703-FL	3.3V	6W		
Ag9200 	Ag9205	5V	13W	Two bridge rectifiers & Low cost smoothing capacitor	High efficiency synchronous rectification Class programming capability SIL package - 56mm x 18(W) x 14mm	
Ag9312 	Ag9312	12V	12W	Three low cost bridge rectifiers Two low cost smoothing capacitors	Triple Input – PoE / 24V AC / 12V DC DIL package - 51mmx30mmx16mm Designed for use in IP Cameras	

Why Silvertel?	Benefits
Smaller board space	SIL & SMT modules are strategically designed to be the same height or smaller than an RJ45 connector. Max space required is less than 1.0 in ² . Ag9900 series is even smaller.
Safety	Modules are fully tested and compliant to IEEE 802.3af or IEEE 802.3at
Quicker time to market	The modules are optimized PoE circuits. No complex reference designs with many external components
Low cost solution	Modules are a lower cost solution compared to IC solutions
Compliance	Tested to meet international EMC standards



		Product Family	Part No.	Nominal Output Voltage	Max Output Power	External Components Required	Benefits	
PD MODULES	Worlds Smallest Isolated 30W PoE+ Powered Device	Ag5300		Ag5300 12V	30W	Two low cost bridge rectifiers One low cost smoothing capacitor	Compliant to IEEE 802.3at Class 4 operation (IEEE 802.3af defaults to class 0) SIL package - 57mm(L) x 14mm(H) x 18mm(W) Continuous 24W operation at 70°C. * Ag5324 will provide 24W continuous from -40°C up to +85°C.	
			Ag5324 *	24V				
	Isolated PoE+ 30W Modules	Ag5200		Ag5200 12V	30W	Two low cost bridge rectifiers One low cost smoothing capacitor	Compliant to IEEE 802.3at Class 4 operation (IEEE 802.3af defaults to class 0) DIL package - 51mm(L) x 16mm(H) x 30mm(W) Continuous 30W operation at 50°C. -40°C lower operating temp.	
	Isolated Triple Input PoE+, AC and DC 30W Modules	Ag9330		Ag9330 12V	30W	Three low cost bridge rectifiers Two low cost smoothing capacitors	IEEE 802.3af and IEEE 802.3at compliant Triple Input – PoE / 24V AC / 12V DC DIL Package - 60mmx30mmx16mm	
	Isolated PoE 60W Modules	Ag5510		Ag5510 12V or 24V	60W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Class programming capability DIL package - 70mm(L) x 15.6mm(H) x 30mm(W)	
	Isolated PoH/PoE 100W Modules	Ag5610		Ag5610 24V	88W	Two low cost bridge rectifiers Three low cost smoothing capacitors	Only 88W solution available. Use with Ag6600 PSE module. Compatible with IEEE 802.3af, 802.3at, UPOE & PoH (HDBaseT) Packaging: Ag5610 - 75mm(L) x 70mm(W) x 9mm (H)	
PSE & COMPLEMENTARY MODULES	Single Channel PSE Module 30W & 60W		Ag6100-S	48V/57V	39W	No external components required. * Ag7100 complements Ag6100 with DC-DC conversion and IEEE isolation for applications up to 30W	Compliant to IEEE 802.3af & 802.3at standards Class programming capability Industrial temperature option as standard Ag6100S only 57V input required for 74W output power from Ag6110 SIL package - 8mm(D)x53mm(L)x14mm(H)	
			Ag6110	48V/57V	74W			
	DC-DC Boost Converter for Ag6100	Ag7100		Ag7100 48V/57V	40W	One input plus one output low cost smoothing capacitor. One output voltage programming resistor for 57V operation.		Provides up to 40W of power at 48V or 57V for IEEE compliant PSE applications. IEEE compliant 1.5kV DC impulse isolation input to output. Wide input range of 11V to 27V DC.
	4 Channel PSE Module	Ag6400		Ag6400-S 48V/57V	30W/ Channel	No external components required		Compliant to IEEE 802.3af and 802.3at standards Class programming capability Supports hardware and software modes SIL package - 8mm(D)x56mm(L)x14mm(H)
	100W PoH/PSE Module	Ag6600		Ag6600 57V	100W	No external components required	With Ag5610: Only 100W PoE solution available Compliant to IEEE 802.3af, 802.3at & PoH standards HDBaseT Compatible. Built-in safety features. Packaging: DIL: 51mm(L)x35mm(W)x7mm(H)	