



High Attenuation Smart Enclosure.

System Overview:

Incorporating a user friendly sliding drawer in a desktop chassis, with internal feed through industry standard connectors the Steatite H.A.S.E. is designed to house, power and provide full connectivity to a standard laptop / tablet or other electronic device and provide TEMPEST level protection for operation in a wide range of non-secure environments.

Features Include:

- Lockable drawer for laptop / device with integrated connectivity.
- Sockets at rear of drawer provide flexible connection options.
- Built-in media converter for external LAN connection via fibre optic.
- Highly filtered mains power to eliminate conducted emissions.
- Space in drawer for laptop / device with mains adapter, 5V USB power also available.
- Configurable rear panel for customer-specific connectivity options.
- High tolerance aluminium construction for maximum attenuation
- Removable fold-down external carry handles.
- Integrated smart switching fully isolates external connections when drawer is opened.

Specifications

Dimensions	External: (W) 500 x (D) 600 x (H) 152mm approx. (excluding handles). Drawer compartment Internal: (W) 395 x (D) 391 x (H) 72mm approx.
Weight	Approx. 10.5kg.
Internal Drawer Ports	
Power	Filtered AC Mains socket. USB-A (+5V DC, 1.5A).
Smart Data	2 x USB 2 type A sockets. 1 x USB 3 type A socket option. 1 x HDMI socket. 1 x RJ45 LAN connector (Up to 10G). 3.5mm Jack (Audio In/Out). All internal connections made using the supplied short cables between laptop / device and sockets.
External Ports	
Power	AC input (IEC 60320 C14) with integral fuse and power switch (88-264V AC).
Smart Data	2 x USB2 screened Lemo connectors. 1 x USB3 option - screened ODU connector. 1 x DVI port. 1 x LAN duplex Fibre (LC) port. 1 x Audio in / out screened Lemo connector.
Custom I/O Option Port	Configurable for customer specific interfaces. i.e. RF, digital I/O – including Smart Switching if required.

Electro-Magnetic Compatibility		
Emissions (CE)	Harmonic Current.	EN61000-3-2.
	Voltage Fluctuations/Flicker.	EN61000-3-3.
	AC Mains Port.	EN55016-2-1.
Immunity (CE)	Electrostatic Discharge.	EN61000-4-2.
	RF Common Mode.	EN61000-4-6.
	Voltage Dips / Interruptions.	EN61000-4-11.
	Surges.	EN61000-4-5.
	Fast Transients.	EN61000-4-4.
Shielding Effectiveness	IEEE 299.1-2013 (Target attenuation 80–100dB).	

Ordering Information	
100349-0-000	High Attenuation Smart Enclosure.



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Technical specifications are subject to change without notice. E & OE Issue A.

A typical setup showing the smart enclosure with external TEMPEST peripherals connected to a standard laptop device within.



Please note: Peripherals and laptop are not included with the Smart Enclosure

