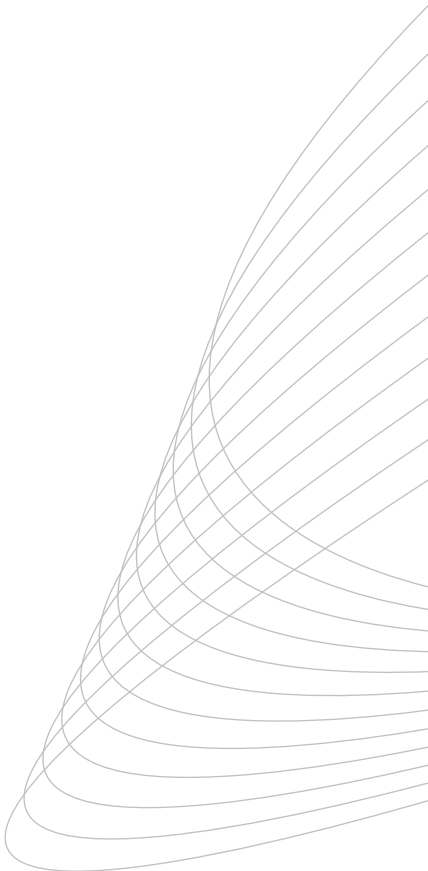


Personal wireless/wired encryptor enables COTS for SECRET

The Fortress DS310 Suite B Hardware Client Card brings secure wireless and wired network communication to the mobile client by enabling COTS for SECRET communications* using hardware based strong FIPS 140-2 validated security and NSA Suite B algorithms. This driverless PC plug-in card includes a hardware based crypto FPGA and hardware TRNG enabling enhanced, high throughput and layered security. The DS310 Suite B Client will deliver secure voice, video and data communications down to the end user enhancing situational awareness, extending COTM and widening the scope of reach of classified communications up to the SECRET level.

- Enabled for COTS-for-SECRET deployments*
- Simple & secure wired or wireless connectivity
- ExpressCard/54 form factor
- Non-CCI driverless operation

In the world of modern warfare where more information is readily available but controlled in nature, stretching the reach of secure communications across networks including wireless to operational environments like FOBs, vehicles, and even dismounted warfighters increases the effectiveness of the military. The DS310 Suite B Secure Client card will enable the secure network to stretch to the edge of the network efficiently and cost effectively.



DS310

Suite B Hardware Client

- Enabled for COTS-for-SECRET deployments*
- Simple & secure wired or wireless connectivity
- ExpressCard/54 form factor
- Driverless operation



Mechanical Dimensions

- 6.11" x 2.44" x 0.71"
- ExpressCard/54

Weight

- 6 Ounces

Interfaces

Ethernet

- 1x 10/100BT

Host Interface

- 1x ExpressCard/54 Interface

Power

- Via ExpressCard/54 Interface

Aux Power

- 1x Micro USB Port

Antenna

- 1x SMA Connector

Networking

IP Compatibility

- IPv4

Wireless

- 802.11a/b/g

RF DS310-3

- 63mW 802.11a/b/g
- Internal or External Antenna

Security

FIPS

- FIPS 140-2 Level 2**
- Non-CCI Suite B

Encryption

- AES-CTR-128/192/256
- AES-GCM-128/256
- AES-CCM-128
- WPA2 (802.11i)
- IPsec (Suite B & Legacy)
- NSA Suite B*

Performance

Sustained FIPS

Crypto Throughput

- 10 Mbps

Management

Access

- Secure Browser-based GUI

Control

- Reset Button

Indicators

- Power
- Status
- Crypto
- Ethernet Link/Activity
- Radio Activity

Power

Host Interface

- ExpressCard Standard 3.3 & 1.5V

DC Aux (Micro USB)

- Micro USB Standard 5V

Environmental

Operating Temperature

- -10°C to +45°C (14°F to +113°F)

Storage Temperature

- -10°C to +45°C (14°F to +113°F)

Cooling

- Convection Cooled (no fans)

Humidity

- 5% - 95% Non-Condensing

Certification

Safety & Emissions

- CE, FCC, ETSI, CB Test, IC, RoHS

DFS

- FCC, ETSI

NIST

- FIPS 140-2 Level 2 Ready

Wi-Fi Alliance

- Wi-Fi a/b/g/WMM Ready

Manufacture & Warranty

Origin

- USA

Warranty

- 1 year limited warranty

* Use of Fortress Suite B IPsec to protect US SECRET data is subject to NSA approval

** Pending

Fortress Technologies, part of General Dynamics C4 Systems, delivers a high performance portfolio of COTS wireless and secure communications capabilities, based on industry-proven technology. Fortress products and technologies are enhanced with the highest levels of industry-standard encryption that conform to commercial and government security standards and meet stringent environmental standards to support tactical wireless communications in austere environments for global defense, critical infrastructure and enterprise users.

Leveraging a self-forming, self-healing, path-optimizing mesh architecture, the Fortress advanced wireless network solution is optimized for rugged-outdoor, mobile, military, first responder and critical infrastructure environments, where reliable communications are a must.

For more information, visit

www.gdfortress.com

GENERAL DYNAMICS
C4 Systems



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