

## PROTECT YOUR CLASSIFIED DATA ON THE GO. FIRE THE COURIER SERVICE.

**Simple Type 1 Encryption for Mobile Computers**

- ▶ Quickly secures a hard drive for your laptop at Top Secret/SCI and below
- ▶ Encryption renders the disk drive unclassified, freeing you from logistics and courier services associated with transporting classified data
- ▶ No fuss, no muss: Simply insert your CIK, enter your PIN, and watch the LED lights to tell you that you're up and running
- ▶ Self-generating storage key; no key distribution required



Ensure the protection and security of your classified and sensitive unclassified data and avoid transportation logistical hassles by securing your laptop computer's hard drive with the KG-201 inline media encryptor (IME) from ViaSat. The KG-201 is the first portable media encryption device that protects classified data at rest (DAR) at Top Secret (TS/SCI) and below, eliminating the need to courier your classified hard drive when transporting or lock it in a safe when not in use. As a mobile user, you can simply remove the KG-201's Crypto-Ignition Key (CIK) to quickly and easily secure your hard drive with data encrypted. *No Defense Courier Systems, no complex logistics, no hassle.*

Developed and certified by the NSA, the KG-201 Type 1 IME fits in the palm of your hand and protects classified data at rest on laptops, notebooks, and other mobile computers. The device houses your encrypted hard drive and connects via USB 2.0 to your laptop. As an active component of the channel between the computer's processor and the enclosed hard drive, this IME transparently encrypts and decrypts classified data written to and read from the computer's drive as information is accessed by the user. The hard drive itself remains encrypted at all times; only the data that the user is accessing is decrypted on the fly and passed to the computer. Since it is encrypted, the enclosed drive, with its KG-201, are unclassified and free of the logistics normally associated with transporting and storing classified data.

While the IME encrypts and decrypts data in real-time as the computer writes and reads the hard drive, its operation is completely transparent to the user. Featuring USB 2.0 data throughput rates, the KG-201 does not slow down the laptop's processing. With support for up to ten user accounts, this encryptor is ideal for shared laptops and groups of mobile users. Hardware and software-independent, the device holds a standard 2.5" Advanced Technology Attachment (ATA)-6 drive and is designed to work with any operating system.

When disaster strikes, this IME foils threats to national security. In the event that your KG-201 is lost, stolen, or tampered with, your enclosed hard drive remains encrypted so no classified information is compromised. The IME also provides Emergency Data Destruction without destroying equipment or losing data.

While on the move, protect your data and fire the courier service. Arm your classified laptop with certified Type 1 encryption and get the unclassified convenience that only the portable KG-201 delivers.

**KG-201 At-A-Glance****Easy to Use, Transport, and Store**

- Fits in the palm of your hand and weighs just 1.5 lbs with drive
- Continuous encryption and decryption is transparent to the user
- IME and enclosed hard drive can be managed as an unclassified CCI device and shipped by commercial carriers - eliminates expensive Defense Courier System charges and inconvenient schedules!
- Protects data in the event your laptop is lost or stolen
- Eliminates classified data storage requirements - no need to lock up hard drive in safe!
- Allows up to ten different users

**Meets Security Standards**

- NSA-certified GOTS Type 1 encryption
- Protects data at rest classified TS/SCI and below
- All hard drive physical sectors, used and unused, are encrypted
- Requires a CIK ("something you have") and PIN ("something you know") for access
- Provides Emergency Data Destruction without losing data
- Meets Crypto Modernization Initiative (CMI) standards
- Conforms to the NSA's Key Management Infrastructure (KMI)

**Intelligent Key Management**

- CIK renders device unclassified when removed
- Instantaneous key zeroization
- Self-generating storage key; no key distribution required

**Hardware- and Software-Independent**

- Works with any 2.5" ATA-6 hard drive (KG-201 houses the drive)
- Uses the ATA-6 hard drive from your laptop (or other source)
- Connects via USB 2.0
- Compatible with all standard operating systems including Microsoft® Windows® XP/2000, Linux®, and Apple® Mac OS® X.

**Trusted Support**

- 1-year warranty included; optional multi-year warranty available
- Free training and 24/7 technical support

**Variants Tailored to Meet Your Needs - Talk to Us**

- Variations in functionality, ruggedness, and form factor can be customized to suit your specific requirements
- Contact ViaSat to discuss your specific DAR protection requirements

# KG-201: Portable Type 1 Inline Media Encryptor for Laptops

## SPECIFICATIONS

### KG-201 INTERFACES

IME-to-Computer	USB 2.0
IME-to-Drive	ATA-6 / ATA-100
Physical	44-pin connector to hard drive
Throughput Speed (IME-to-Computer)	480 Mbit/sec
Throughput Speed (IME-to-Drive)	800 Mbit/sec
Power	Supplied by 5 VDC wall adapter or other source

### COMSEC CHARACTERISTICS

Algorithms	AES 256 (FIPS-197)
Key Fill Interface	None required – self-generating storage key
Flexibility	Modular, Reprogrammable Architecture
Crypto Ignition Key	CIK Removal to UNCLASSIFIED CCI

### PHYSICAL

Dimensions (WHD)	3.5 inches x 1.75 inches x 5.7 inches
Weight	1.5 pounds (including typical hard drive)

### RELIABILITY AND MAINTENANCE

Predicted MTBF	66,000 Hours Ground Benign
Predicted MTTR	Ten minutes mean time to replace
Other	Extensive Power Up & On-Line BIT

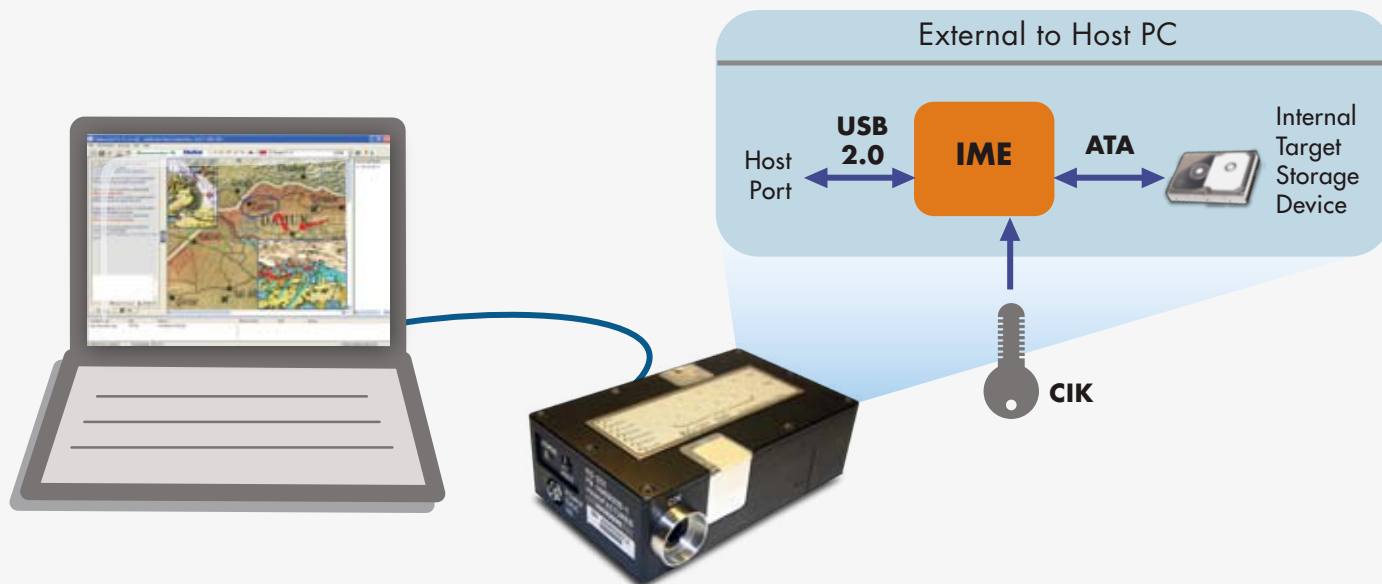
### CERTIFICATION

NSA Certified for TS/SCI and below	
TEMPEST Compliant	NSTISSAM 1/92

### CUSTOMIZATION

Variations in interfaces, functionality, ruggedness, and form factor can be customized to suit your specific requirements. Contact ViaSat to discuss your needs.

## HOUSES CLASSIFIED HARD DRIVE & CONNECTS TO LAPTOP VIA USB



**Sales**  
6155 El Camino Real  
Carlsbad, CA 92009  
**Tel** 888.ViaSat.1  
(888-842-7281)  
**Fax** 760.683.6815  
**Email** insidesales@viasat.com

**Technical Support**  
**Tel:** 760.476.4754  
888.ViaSat.4  
**Fax:** 760.929.3938  
**Email:** altasec@viasat.com  
**Web:** www.viasat.com/secure

**ViaSat**