



The Viasat KG-200R provides Type 1 encryption to protect classified (TS/SCI) and below data at rest (DAR) and is ruggedized to meet MIL-STD-810F and F-15/F-18 Air Worthiness Requirements (AWR). With remote access capabilities and a 3G SATA interface you can easily and quickly secure DAR, even when stowed in an aircraft. Simply install this ruggedized inline media encryptor next to your hard drive so all data is rendered unclassified once encrypted, eliminating the need to remove and lock up your hard drive when not in use.

Built to withstand the temperature, shock, vibration and embeddable requirements of severe airborne, sea and land environments, the Viasat KG-200R ensures that classified data is securely encrypted on the hard drive no matter where your mission takes you.

Protect your data at rest in even the most extreme conditions.

### RUGGEDIZED DAR PROTECTION

- » Classified DAR Compliance (J-6 6510.01E directive)
- » ISR Aircraft
- » Helicopters
- » Fighter Jets
- » Remote Military Outposts
- » International Traveling Envoys
- » Any Mission Performed in Severe Environmental Conditions

### VIASAT KG-200R AT-A-GLANCE

#### FIELD-TESTED PROTECTION AND AUTHENTICATION

- » NSA-certified Type 1 for TS/SCI and below
- » Secure two-factor authentication—requires a CIK (“something you have”) and PIN (“something you know”) for access
- » Provides Emergency Data Destruction without destroying equipment or losing data
- » Self-generating storage key; no key distribution required
- » Meets Crypto Modernization Initiative (CMI) standards
- » Conforms to the NSA’s Key Management Infrastructure (KMI)

#### FAST AND CONVENIENT

- » Native 3G SATA interface
- » Continuous hard drive encryption operates in real-time without slowing down the workstation’s processing speed
- » Transparent on-the-fly encryption and decryption to secure data as it is being stored or accessed by the user
- » Encryption renders hard drive unclassified at all times

#### SEAMLESS REMOTE ACCESS

- » Remotely enable and disable cryptographic functioning
- » Remotely manage/monitor over an IP network
- » Multiple configuration options for zeroization requirements

#### 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

## SPECIFICATIONS

### INTERFACES

<b>Data Storage</b>	eSATA (3Gbps)
<b>Remote Management</b>	Ethernet, 10/100T, TCP/IPv4
<b>Admin Configuration</b>	USB 2.0
<b>Power</b>	5 V and 9 W
<b>Remote Zeroization</b>	Two Pin activation

### SECURITY CHARACTERISTICS

<b>Algorithms</b>	Protects Data TS/SCI & Below using AES-256 Type 1 Suite B
<b>Key Fill Interface</b>	None required—self-generating storage key
<b>Flexibility</b>	Modular, Reprogrammable Architecture
<b>Crypto Ignition Key</b>	CIK Removal to Unclassified CCI
<b>Emergency Zeroization</b>	Meets NSA requirements for rapid zeroization
<b>NSA Certifications</b>	Type 1 TS/SCI

### MANAGEMENT

<b>Users</b>	Up to 10
<b>Administrative Functions</b>	Device initialization, add/modify/delete users, key management, zeroization recovery, status

### RELIABILITY AND MAINTENANCE

<b>Predicted MTBF</b>	66,000 hr ground benign
<b>Predicted MTTR</b>	Five minutes mean time to replace
<b>Built In Test</b>	Power up bit
<b>Software/Firmware Updates</b>	Field upgradeable

### PHYSICAL

<b>Dimensions (W x H x D)</b>	5.8 x 1.6 x 8.0 in.; Standard 5.25 in. drive bay form factor
<b>Weight</b>	4 lb

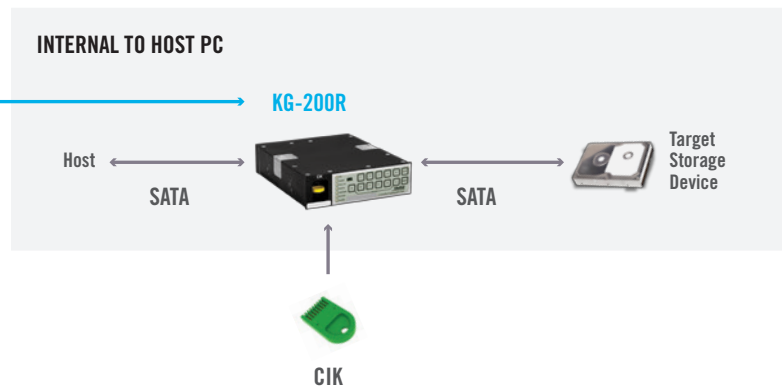
### ENVIRONMENT

<b>Temperature</b>	
» Operating	-29° to +55° C
» Non-Operating	-40° to +71° C
<b>Altitude</b>	
» Operating	Up to 50,000 ft
» Non-Operating	Up to 69,000 ft
<b>Humidity (Non-Condensing)</b>	95%
<b>Shock</b>	15 G, 11 ms shock as specified in the Flightworthiness requirements Type II (F-15E1 and F/A-18 F1)
<b>Vibration</b>	Single vibration environment covering all vibration environments as specified in the Flightworthiness requirements Type II (F-15E1 and F/A-18 F1)
<b>Explosive Atmosphere</b>	MIL-STD-810F, Method 511.4
<b>EMI/EMC</b>	MIL-STD-461E, Section CE102; 94 to 60 dB from 10 to 500 kHz; 60 dB from 500 to 10,000 kHz; MIL-STD-461E, Section RE102; 34 dB from 2 to 100 MHz, 34 to 79 dB from 100 to 18,000 MHz

### TRUSTED SUPPORT

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

## POSITIONED BETWEEN A COMPUTER'S PROCESSOR AND HARD DRIVE



## CONTACT

**SALES**  
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**TECHNICAL SUPPORT**  
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