

**Radionics**<sup>®</sup>

## KIS-DRS-1 Data Relay Switch For RISSC<sup>™</sup> System

### Description

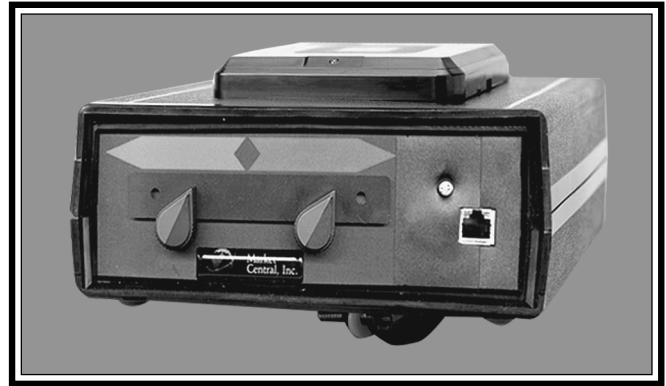
The Data Relay Switch (DRS) protects secret or restricted data networks from unauthorized intrusions. The DRS incorporates several unique features that shut out attacks by Internet hackers as well as agents of more sophisticated espionage.

DRS developed by Market Central, Inc. embodies two separate, fully enclosed A/B switch mechanisms. These are tied together with a mechanical actuator that forces both mechanisms to switch simultaneously. Each mechanism is encapsulated in a special shielding material that suppresses crosstalk between the two switches. Intrusion is defeated by disconnecting the public network from a workstation when the private network connection is used and by virtually eliminating the potential to detect proprietary data signals through the public (or unclassified) network.

Another DRS feature utilizes the Readykey<sup>®</sup> access controller to supervise access to the proprietary network. An electronic network switch is coupled to the A/B switch mechanism, protecting the path to the private network with Readykey<sup>®</sup> access control. A user must present a valid credential to the Readykey<sup>®</sup> card reader and then actuate the A/B switch to gain access to proprietary or classified data.

Cable connections to the DRS are enclosed within the units housing. The DRS is fully tamper-proof and will force a system alarm when the control port is disconnected or when an attempt is made to open the enclosure.

DRS has been tested and approved under National Security Agency (NSA) guidelines for applications to highly classified networks. The standard DRS supports two ethernet networks.



**DRS** - Data Relay Switch completes a connection (electronic switch and physical deadbolt switch) to the secured networks thereby preventing external hackers from using the Internet as a gateway to secured networks.

A DRS related tamper alarm will be sent to the Readykey<sup>®</sup> System Administrator and will interrupt the secured network connection from the computer until the system administrator has accepted the alarm.

The Readykey<sup>®</sup> system keeps a full transaction history of all alarm and valid or non-valid attempts to activate the switch.

## Specifications

Interface: (4) Ethernet  
(1) Control  
(1) Card Reader plug

User Controls:  
(2) A/B switch knobs tied together

Indicators: (1) Red (Classified) passive  
(1) Green (unclassified) passive

Connectors: (4) RJ45 Ethernet jacks  
(1) RJ45 Control jacks  
(1) RH11 Card reader jack

Other: Fully tamper-protected against enclosure tampering and cable removal

Power: Supplied by Readykey® panel and a 12 VDC power supply

Altitude limit: None

Operating Temperature:  
32° to 104° F (0° to 40° C)

Storage: -4° to 158° F (-20° to 70° C)

Humidity Up to 95% non-condensing

Size: 2.7" H x 8.4" W x 9.1 " D

Weight: 8 lbs.

## Ordering Information:

**KIS-DRS-1** Data Relay Switch  
**KIS-PRS-1** Power Relay Switch  
**KIS-SPS-1** Single Protection Switch  
**K2001** Low Profile Reader (DRS / SPS primarily)  
**K2003** Mullion Reader (for PRS primarily)  
**K2120** Enclosure  
**K2015A** Alarm Event Manager  
**K2100** 4-door Controller  
**Readykey® for Windows™ System**

## Listings/Approvals:

Windows is a trademark of Microsoft Corporation.



**CERTIFICATION NO. A5137**



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