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SMARTKEEPER SERIES

Open data ports create an often overlooked vulnerability to your company’s network. Having physical methods for protecting against these vulnerabilities is a necessary part of every properly prepared security plan.

USB Port Lock  
USB Port Lock Type B  
USB Port Lock Type C  
Secure Drive  
Secure Connector  
Link Lock  
Link Lock Hub  
Link On  
USB Closing Lock  
Network Port Lock Plus  
LAN Cable Lock Plus  
Network Module Lock  
LAN Cable Link Lock  
Fiber Optic Module Lock  
QSF Port Lock  
Serial Port Lock  
DVI Port Lock  
Parallel Port Lock  
Display Port Lock  
HDMI Port Lock  
E-SATA Port Lock  
SD Port Lock  
CF Port Lock  
ODD Lock  
PC Lock (Key type)  
PC Lock (Combination Key type)  
Laptop Lock (Combination Key type)  
Laptop Lock Type C
ADVANTAGE OF SMARTKEEPER

Smart Keeper is the only provider in the market to offer a full lineup of physical security solutions for those trying to build an effective defense against cyber intrusion. Smart Keeper is an important protective mechanism that has been deployed in thousands of major installation sites considered critical to infrastructure — such as healthcare facilities, power generation facilities, oil refineries, public water departments, the military, as well as institutions involved in banking and commerce.

Due Diligence
Delay Mechanism and Visual Warning Message
- 1st basic security solution of the End-Point
- Countermeasures against external viruses (ransomware)
- Internal data leakage prevention

Usability & Compatibility
Easy to use, expandable with lock keys
- Easy to use and operate
- No maintenance required and semi-permanent use
- Conveniently manage multiple products with a single lock key

Independence of Application
No impact on the system
- Applicable without any kind of software or operating system
- Applicable to systems where software security is not possible, such as backbone, nuclear power generation, or production system

REFERENCES
Our established presence within a variety of industries helps illustrate the effectiveness of our approach.

- Nuclear, Hydroelectric, Thermal, Wind, Solar, and power generation
- Public infrastructure operations managing roads, clean water, rail transport, air travel, etc.
- Branches of the military such as Army, Navy, and Air Force
- Local government organizations such as police departments, fire departments, school systems, etc.
- Federal government institutions involved in research, defense, oversight, etc.
- Trade schools, colleges, and universities
- Banks, insurance companies, retirement planning, and brokerage firms
- Healthcare facilities ranging from small clinics to large regional hospitals
- Pharmaceutical research and production
- Point of sale applications with small local stores as well as large scale retail chains
- Global shipping companies using maritime as well as ground based transport
- Manufacturing operations from all industries
- Telecommunication companies
- Petrochemical companies that extract and refine oil
USB Physical Security

USB Port Lock (CSK-UL10)
**USB Port Lock**

CSK-UL10
Width 12.3 × Length 10 × Height 4.6mm  |  Weight 1.0g

Used to prevent unauthorized access to a type A USB port, this device defends against data breach and virus introduction. Removal can be done with a pattern matched key.

**USB Port Lock Type B**

CSK-BLD10
Width 8.4 × Length 8.5 × Height 7.2mm  |  Weight 0.2g

This device prevents the unauthorized access to an open USB type B port. Removal can be done with a pattern matched key.

**USB Port Lock Type C**

CSK-CUL10
Width 17.1 × Length 23.5 × Height 6.8mm  |  Weight 3.5g

Used to lock down type C USB ports, this device defends against data breach and virus introduction. Removal can be done with a pattern matched key.
Link Lock
CSK-LK11
Width × Length × Height mm | Weight
Link Lock : 16.2 × 40.9 × 16 | 10g
Cover : 18.6 × 39.7 × 20 | 3.1g

This device tethers USB cables to the USB port to prevent unauthorized removal. Removal can be done with a pattern matched key.

Link Lock Hub
CSK-LKH10
Width 145 × Length 95 × Height 37.4mm | Weight 111.0g

This device works with the Link Lock. It secures the connection of multiple USB devices and prevents unauthorized removal.

Link On
CSK-OM10
Width 17 × Length 36.7 × Height 9mm | Weight 8.0g

This is a USB memory device that can be physically locked into the USB port. Removal can be done with a pattern matched key.
**USB Closing Lock**

**CSK-PC01**
Width 12.4 × Length 10 × Height 4.6 mm  
Weight 1.0g

This device permanently blocks unused USB ports to prevent unauthorized access. It cannot be removed.

**Secure Drive**

**CSK-SM01**
Width 12.2 × Length 45.6 × Height 4.7 mm  
Weight 7.0g

Secure Drive is a USB flash memory device that is readable only through a matched Secure Connector. The Secure Drive does not work in a conventional USB port.

**Secure Connector**

**CSK-SC10**
Width 16.2 × Length 40.9 × Height 16 mm  
Weight 10.0g

The Secure Connector is used to connect a matching Secure Drive to your computer. When attached through the Secure Connector, the Secure Drive functions as a normal USB flash drive.
Network Physical Security

| LAN Cable Lock Plus (CSK-NC11) |

| Network Module Lock (CSK-NM10) - 8Port |
**Network Port Lock Plus**

CSK-NL11

Width 11.7 × Length 11.5 × Height 9.6 mm  
Weight 0.7g

The Network Port Lock Plus blocks access to an unused ethernet (RJ45) port. Removal can be done with a pattern matched key.

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**LAN Cable Lock Plus**

CSK-NC11

Width 13.7 × Length 16 × Height 11.3 mm  
Weight 4.9g

This device prevents unauthorized removal of a LAN cable by tethering it to an ethernet (RJ45) port. Removal can be done with a pattern matched key.

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**Network Module Lock**

CSK-NM10

Width × Length × Height mm  |  Weight
4 Port : 57.6 × 20 × 20.7 | 13.6g
8 Port : 59.7 × 30 × 39 | 25g
12 Port : 87.7 × 30 × 39 | 34g

This device tethers multiple LAN cables to their associated ethernet (RJ45) ports to prevent unauthorized removal. Removal can be done with a pattern matched key.
**Fiber Optic Module Lock**

CSK-F010  
Width 13.4 × Length 13.1 × Height 11.7 mm  |  Weight 2.1g  

This device blocks open SFP fiber optic ports that are commonly used on network switches. Removal can be done with a pattern matched key.

**QSFP Port Lock**

CSK-QF010  
Width 18.5 × Length 40 × Height 8.3 mm  |  Weight 8.3g  

This device blocks open QSFP fiber optic ports that are commonly used on network switches. Removal can be done with a pattern matched key.

**LAN Cable Link Lock & Dedicated Cable**

CSK-NIP01 / CSK-NIP-CA01  
Width × Length × Height mm  |  Weight  
Lan Cable : 22 × 120 × 22  |  24.0g  
Cable : 2m  

This device is used to create a secure port that can only be used with a matching patterned network cable. It is commonly used with the LAN Cable Lock Plus, creating a truly secure connection.
Anti-Theft for Computer
- PC Lock (CSK-SL01 / CSK-SLD01)
- Laptop Lock (Combination Key type) (CSK-LLD01)
- Laptop Lock Type C (CSK-CLL10)

Other Port Physical Security
- Serial Port Lock (CSK-SPL10)
- DVI Port Lock (CSK-DL10)
- Parallel Port Lock (CSK-PL10)
PC Lock (Key type)

CSK-SL01
Width × Length × Height mm  |  Weight
Lock : 50 × 56 × 29.4  |  123g
Wire : 3mm × 2m
Key : 10g

The PC Lock is an anti theft product that prevents theft of the PC or the removal of the side panel of the computer. A separate key is needed to unlock.

PC Lock (Combination Key type)

CSK-SLD01
Width × Length × Height mm  |  Weight
Lock : 19.3 × 54.3 × 50.1  |  91g
Wire : 3mm × 2m

This version of our PC lock uses a combination lock instead of a key to prevent the theft of a PC or the removal of a side panel.

Laptop Lock (Combination Key type)

CSK-LLD01
Width × Length × Height mm  |  Weight
Lock : 16 × 54.5 × 22.7  |  62g
Wire : 3mm × 2m

To prevent theft, the Laptop Lock uses an open USB type A port and a cable to secure your laptop to a table.
**Laptop Lock Type C**
CSK-CLL10
Width × Length × Height mm | Weight
Lock : 19.5 × 23.5 × 8.8 | 8.8g
Wire : 3mm × 2m

To prevent theft, the Laptop Lock uses an open USB type C port and a cable to secure your laptop to a table.

**Serial, DVI, Parallel Port Lock**
CSK-SPL10 / CSK-DL10 / CSK-PL10
Width × Length × Height mm | Weight
Serial : 34.2 × 12 × 17.6 | 7.0g
DVI : 41.6 × 17.6 × 12.1 | 7.5g
Parallel : 56.2 × 17.7 × 12.1 | 9.3g

This device prohibits access to serial, parallel, or DVI ports. Removal can be done with a pattern matched key.

**ODD Lock**
CSK-OL10
Width 87.7 × Length 30 × Height 3.9 mm | Weight 2.6g

The ODD lock prevents data theft by restricting the use of optical disk drives for CD's and DVD's. Removal can be done with a pattern matched key.
### HDMI Port Lock

**CSK-HMD10**  
Width 13.9 × Length 7 × Height 4.5 mm  
Weight 0.3g

This device blocks open HDMI ports to prevent unauthorized use. Removal can be done with a pattern matched key.

### SD Port Lock

**CSK-SDD10**  
Width 24 × Length 21.5 × Height 2.3 mm  
Weight 1.5g

This device protects against data theft or the introduction of malware by blocking the insertion of an SD Card into an open slot. Removal can be done with a pattern matched key.

### E-SATA Port Lock

**CSK-ETD10**  
Width 15.3 × Length 6.9 × Height 3.9 mm  
Weight 0.3g

This device is a physical port blocker designed specifically for blocking access to an open e-SATA port. Removal can be done with a pattern matched key.
CF Port Lock
CSK-CFD10
Width 42.5 × Length 21 × Height 4.6 mm  |  Weight 3.0g

This device protects against data theft or the introduction of malware by blocking the insertion of a Compact Flash card into an open slot. Removal can be done with a pattern matched key.

Display Port Lock
CSK-DLD10
Width 16 × Length 86 × Height 4.7 mm  |  Weight 0.3g

This device blocks an open Display Port to prevent unauthorized use. Removal can be done with a pattern matched key.
Universal Lock Key
CSK-U11 / CSK-U20
Width 29.2 × Length 155 × Height 16.4mm | Weight 65g

Advantages

I. Low Management Costs
   (Unlock 30 different Smart Keeper products with one lock key)

II. Pattern management
   - Key management by serial number
   - Non-Distribution to public (B2B only)
   - End User Verification Process

III. Various key patterns available
Network Switch

Network Module Lock
LAN Cable Lock Plus
QSFP Port Lock

Network Port Lock Plus
Fiber Optic Module Lock
Laptop (Notebook)

- USB Port Lock Type C
- USB Port Lock
- Network Port Lock Plus
- HDMI Port Lock
- Laptop Lock (Combination Key type)
- Laptop Lock Type C
- Secure Drive & Secure Connector
- Link Lock
- SD Port Lock
- LAN Cable Lock Plus
Printer / Scanner / Desktop (Front)

- USB Port Lock
- USB Port Lock Type B
- ODD Lock
- Link On
- USB Port Lock
- Secure Drive & Secure Connector
- USB Closing Lock
- Link Lock Hub
Desktop (Rear Panel)

- LAN Cable Link Lock & Dedicated Cable
- Serial / DVI / Parallel Port Lock
- USB Port Lock
- E-SATA Port Lock
- CF Port Lock
- PC Lock (Key type)
- Display Port Lock
- Link Lock
- LAN Cable Lock Plus
- Network Port Lock Plus
- PC Lock (Combination Key type)
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