



www.smartkeeperworld.com

SMARTKEEPERPro



We do security better

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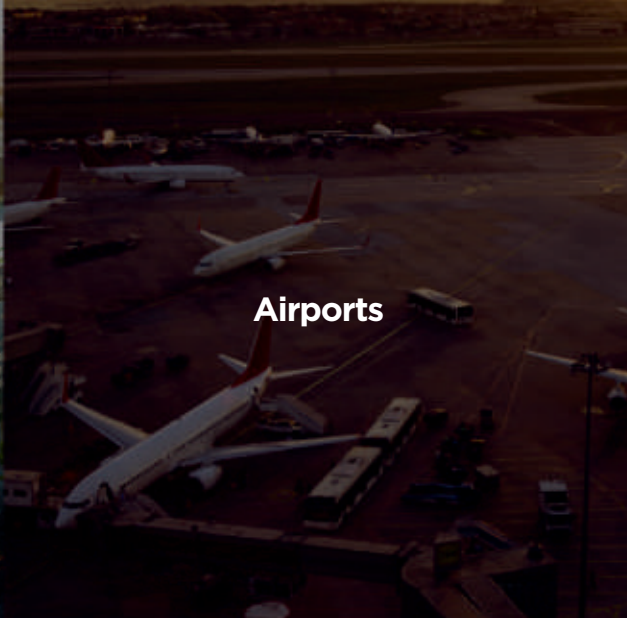


True security that blocks security vulnerabilities

SMARTKEEPER PRO



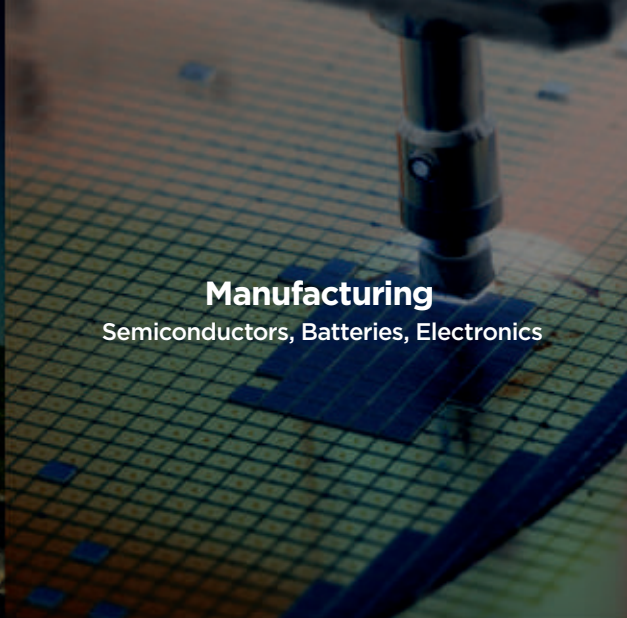
Government



Airports



Power Generating Plants
Nuclear, Thermal, Hydroelectric



Manufacturing
Semiconductors, Batteries, Electronics



Financial Institutions



Military

Most of all, perfect

PRO's Choice



Public Institutions



Infrastructure
Railroad, Highway, Subway



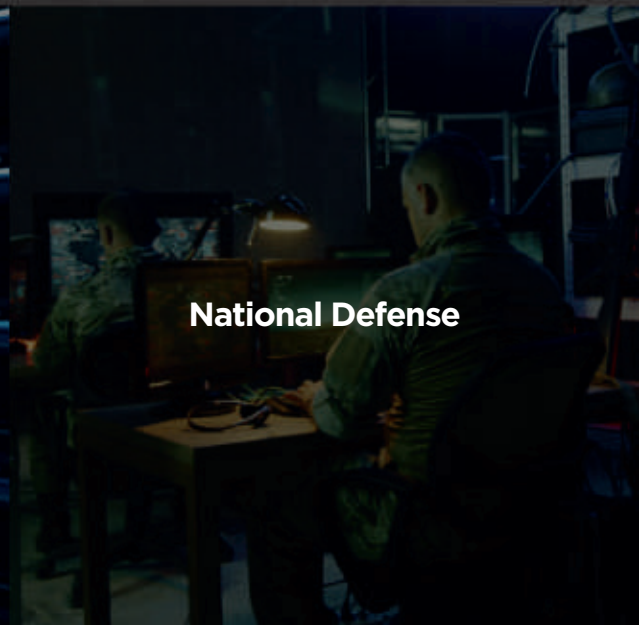
Energy
Oil, Gas, Refinery



Biomedical Industries



Information Technology



National Defense

Different level of network security, proven by countless customers :

“ I thought all USB locking devices were the same, used as a formality rather than for security. However, SMARTKEEPER has changed my opinion.

SMARTKEEPER provides superior security in comparison to their competition. In addition, SMARTKEEPER products integrated seamlessly into our networking system and after deployment, there was a renewed sense of security.”

In one word, it was PERFECT.



An open **USB Port** is a security risk that requires immediate attention



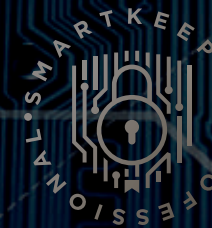
Use **Link Lock** to allow only the devices that are authorized by network administrator




Securing open **Network Ports** is an important yet basic security matter



Securing **Network (LAN) Cables** is easy



Shield yourself with a solution that can be clearly seen with **SMARTKEEPER**



SMARTKEEPER
PROFESSIONAL

Superior Security with Unmatched Compatibility

SMARTKEEPER PRO

Proven solution deployed to over 3,000 sites including government, military and public institutions

Come & Experience **SMARTKEEPER** Now!

REFERENCES


Many customers prove the effectiveness of the **SMARTKEEPER** series.

| South Korea

- Over 150 sites for nuclear, hydroelectric generating station, thermal power plant
- Over 130 transportation network infrastructure sites including water resources, railroads, airports, ports and road
- Over 78 sites for military such as Army, Navy, Air-Force and related defense facilities
- Over 130 sites of local governments, including central ministries
- National Research Institutes and Major National Institutions
- Over 120 sites of financial institutions including major banks, insurance & stock companies
- 58 educational institutions including elementary, secondary, high school and university
- 36 medical institutions, including hospitals
- Electronic company and production system of global production corporation
- 20 companies related to shipbuilding and heavy industry
- Over 130 manufacturing sites for telecommunication, display and semiconductor


| Overseas

- Major governmental organizations in the U.S.A / Germany / Singapore / Honduras
- 35 sites of power plants in the U.S.A / Europe
- 56 global manufacturers
- Major military facilities
- 26 financial institutions, including Capital company




Due Diligence
Delay Mechanism & 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 one 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


SMARTKEEPER PRO Line-Up

SMARTKEEPER PRO is a complete line-up of physical security products for input/output ports of computers and network devices. Deployed to more than 3,000 major sites globally, **SMARTKEEPER PRO** uses various patterns of Universal Lock Keys that are managed confidentially. All products are provided through B2B sales exclusively.




USB Security

- USB Port Lock
- USB-B Port Lock
- Mini USB-B Port Lock
- Micro USB-B Port Lock
- USB-C Port Lock
- USB-C Port Lock Plus
- Link Lock
- Link Lock Hub
- Link On
- Secure Drive
- Secure Connector
- USB Closing Lock




Network Security

- Network Port Lock Plus
- LAN Cable Lock Plus
- Secure LAN Cable Coupler
- Network Module Lock 4P / 8P / 12P
- LAN Cable Link Lock
- Dedicated Cable
- Fiber Optic LC Cable Lock Dual
- Fiber Optic LC Cable Lock Single
- Fiber Optic Module Lock Plus
- QSFP Port Lock
- LAN Cable Grip




Other Ports Security

- Serial Port Lock
- DVI Port Lock
- Parallel Port Lock
- SD Port Lock
- CF Port Lock
- E-SATA Port Lock
- ODD Lock
- HDMI Port Lock
- DisplayPort Lock
- Mini DisplayPort Lock
- BNC Port Lock
- RF Module Lock (Type N/M)
- RJ11 Port Lock



Anti-Theft for Computer

- PC Lock (Key Type)
- PC Lock (Combination)
- Laptop Lock (Combination)
- Laptop Lock Plus
- Laptop DOCK & LOCK



Lock Key

- Universal Lock Key 3
- Lock Key Mini

Universal Lock Key 3

CSK-U30

33.3 X 16.0 x 115.0mm | 71.0g (1.31" x 0.63" x 4.53" | 2.5oz)

Advantages

- Compatibility : One key can unlock 40 different Pro series products.
- Variety of pattern : Numerous patterns available.
- Key management : End-user verification and matching serial numbers.



Sleek Design



Anti-Static Pad



LED Light



LED Light Button



Blades

※ Pattern is obscured for security.

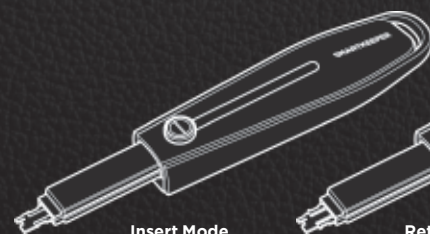


Button

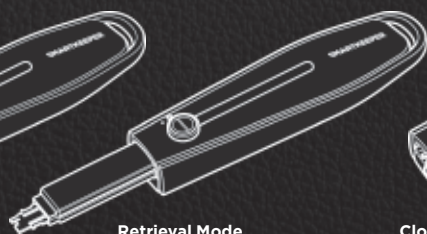
Body



Anti-Static Pad



Insert Mode



Retrieval Mode



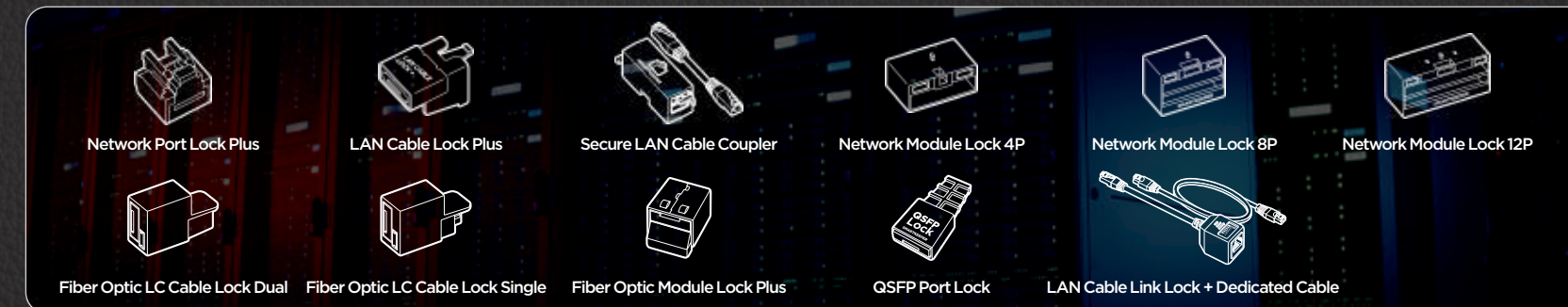
Closed Mode (Not used)

Universal Lock Key 3 Products

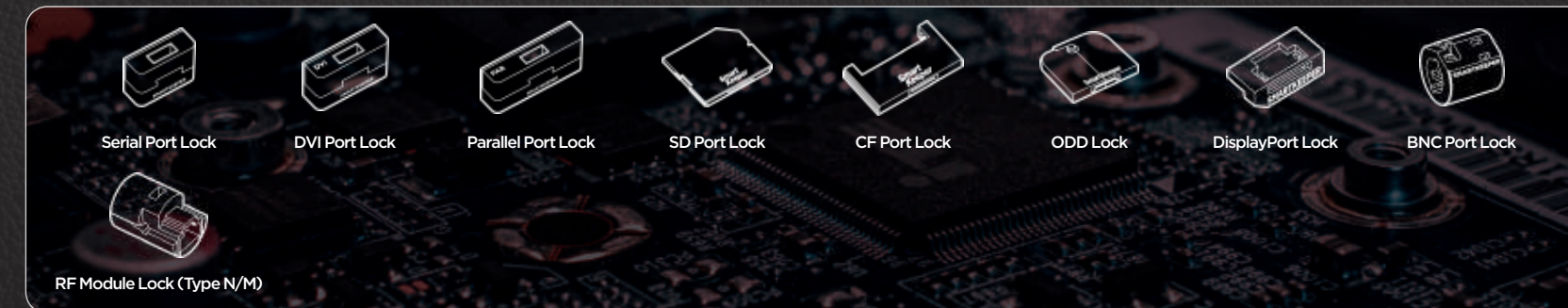
USB Security



Network Security



Other Ports Security





USB Port Lock

CSK-UL10
12.3 X 4.6 X 10.0mm | 1.0g

Blocks unused USB(USB type A) port to prevent unauthorized device access. It can be released by same patterned **Universal Lock Key 3**.



USB-B Port Lock

CSK-BLD10
8.4 X 7.2 X 8.5mm | 0.2g

Blocks unused USB-B(USB type B) port to prevent unauthorized device access. It can be released by same patterned **Universal Lock Key 3**.



USB-C Port Lock Plus

CSK-CUL10
17.1 X 6.8 X 23.5mm | 3.5g

Blocks unused USB-C(USB type C) port to prevent unauthorized device access. It can be released by same patterned **Universal Lock Key 3**.
(⚡ Not working properly with Thunderbolt)



Link Lock

CSK-LK11
16.2 X 16.0 X 40.9mm | 13.1g | USB 3.0

Tethers USB device(e.g. keyboard or mouse) to a USB (USB Type A) port to prevent unauthorized removal. It can be released by same patterned **Universal Lock Key 3**.



Link Lock Hub

CSK-LKH10
145.0 X 37.4 X 95.0mm | 111.0g

Works in conjunction with Link Lock. Allows use of multiple devices and prevents unauthorized removal of attached devices on Link Lock Hub. It can be released by same patterned **Universal Lock Key 3**.



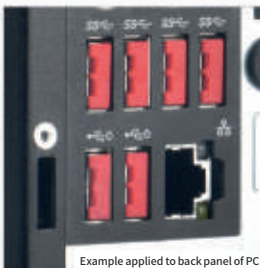
Link On

CSK-OM10
17.0 X 9.0 X 36.7mm | 8.0g | 32GB

Lockable USB flash drive that can be secured to a USB (USB Type A) port to prevent unauthorized removal. Standard capacity 32GB. It can be released by same patterned **Universal Lock Key 3**.



Example applied to laptop



Example applied to back panel of PC



Example applied to USB-B port



Before application to laptop



After application to laptop



Example applied to laptop



Example applied to back panel of PC



Inside of Link Lock Hub



Example of installation and lock



Example applied to front panel of PC



Secure Drive

CSK-SM01
12.2 X 4.7 X 45.6mm | 7.0g | 32GB

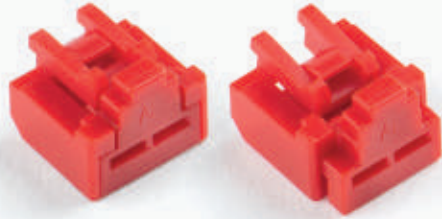
Secure Drive is a 32GB USB Flash drive that is recognized only through a Secure Connector of the same pattern. Secure Drive will not be recognized by general USB ports.



Secure Connector

CSK-SC10
16.2 X 16.0 X 40.9mm | 10.0g

Secure Connector is used to read the Secure Drive and to block access to the USB Ports. It can be released by same patterned **Universal Lock Key 3**.



Network Port Lock Plus

CSK-NL11
11.7 X 9.6 X 11.5mm | 0.7g

Blocks unused Ethernet RJ45 port to prevent unauthorized access. It can be released by same patterned **Universal Lock Key 3**.



LAN Cable Lock Plus

CSK-NC11
13.7 X 15.1 X 27.0mm | 4.9g

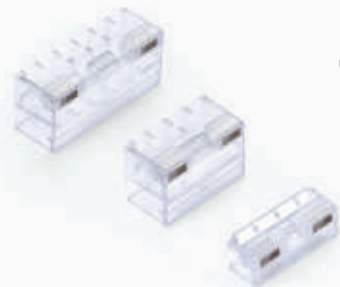
Tethers LAN cable to Ethernet RJ45 port physically to prevent unauthorized access into the port by unplugging the cable. It can be released by same patterned **Universal Lock Key 3**.



LAN Cable Grip

NCG01
13.7 X 13.2 X 40.0mm | 4.5g

Prevents accidental separation of LAN cable (Ethernet RJ45) from the network device. Can be released without a key.



Network Module Lock 4P • 8P • 12P

CSK-NM10/P4 | CSK-NM10/P8 | CSK-NM10/P12

4P | 57.6 X 20.7 X 20.0mm | 13.6g
8P | 59.7 X 39.0 X 30.0mm | 26.0g
12P | 87.7 X 39.0 X 30.0mm | 35.1g

Tethers multiple LAN cables (connectors) to Ethernet RJ45 ports to prevent unauthorized access. Applied as a module unit without unplugging the cables and lock it with two USB Port Lock. It can be released by same patterned **Universal Lock Key 3**. (available in 4, 8, or 12 port configuration)



Example applied to laptop



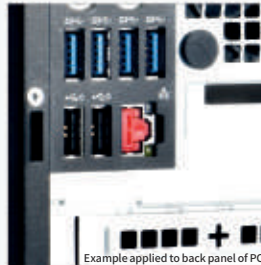
Example applied to front panel of PC



Example of Secure Drive and Secure Connector



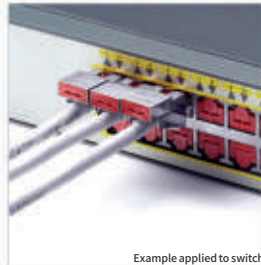
Example applied to front panel of PC



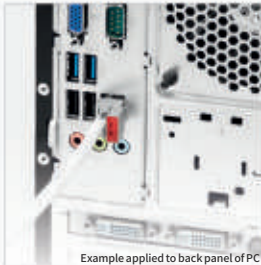
Example applied to back panel of PC



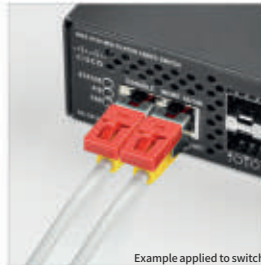
Example applied to switch



Example applied to switch



Example applied to back panel of PC



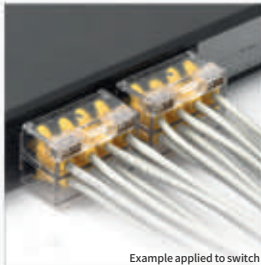
Example applied to switch



Example applied to switch



Example applied to hub



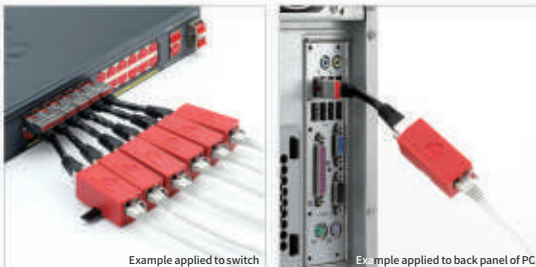
Example applied to switch



Secure LAN Cable Coupler

CSK-SCC10
53.2 X 24.4 X 23.6mm | 25g

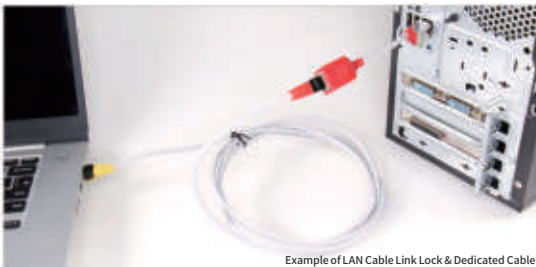
Prevents accidental separation of LAN cable (Ethernet RJ45) from the network device. It can be released by same patterned **Universal Lock Key 3**.



LAN Cable Link Lock & Dedicated Cable

CSK-NIP01 | CSK-NIP-CA01
LAN Cable Link Lock | 22.0 X 22.0 X 120.0mm | 25.0g
Dedicated Cable | 10.0mm X 2M | 63.0g

LAN Cable Link Lock is a network cable connector that enables communication only when pattern matching Dedicated Cable is used. Physically distinguish between different networks. Use LAN Cable Link Lock with LAN Cable Lock Plus to create a secure network environment.



Fiber Optic Module Lock Plus

CSK-FO11
13.4 X 8.6 X 14.1mm | 3.0g

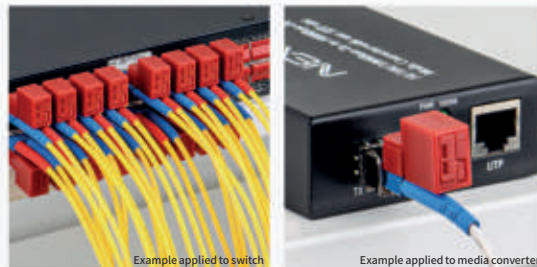
Blocks access to unauthorized equipment by inserting it into an unused SFP (Small form-factor pluggable) transceiver module of a network switch equipment. A product with enhanced security in the optical module lock. It can be released by same patterned **Universal Lock Key 3**.



Fiber Optic LC Cable Lock Dual • Single

CSK-FOC10D / CSK-FOC10S
Fiber Optic LC Cable Lock Dual | 11.8 X 16.2 X 27.2 mm | 3.5g
Fiber Optic LC Cable Lock Single | 11.6 X 16.2 X 27.2 mm | 3.5g

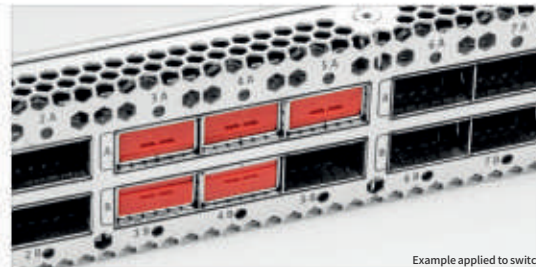
Locks a single or dual type LC fiber optic cable to a port, prevents it from being pulled out by vibration or other forces, and can be installed without removing a cable from the port. It can be released by same patterned **Universal Lock Key 3**.



QSFP Port Lock

CSK-QFO10
18.5 X 8.3 X 40.0mm | 8.3g

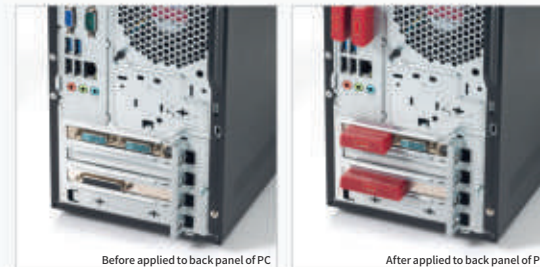
Blocks unused QSFP (Quad Small form-factor pluggable) transceiver port to prevent unauthorized access. It can be released by same patterned **Universal Lock Key 3**.



Serial • DVI • Parallel Port Lock

CSK-SPL10 | CSK-DL10 | CSK-PL10
Serial Port Lock | 34.2 X 12.1X 17.6mm | 5.5g
DVI Port Lock | 41.6 X 12.1 X 17.6mm | 6.5g
Parallel Port Lock | 56.2 X 12.1 X 17.6mm | 8.2g

Blocks Serial (RS232 Ports, 9-pin COM, and RGB/VGA) ports, DVI (DVI-I/DVI-D) ports, Parallel (DB-25) ports on systems such as PCs or servers. It can be released by same patterned **Universal Lock Key 3**.





SD Port Lock

CSK-SDD10
24.0 X 2.3 X 21.5mm | 1.5g

Blocks unused SD(SecureDigital) card port to prevent the use of unauthorized SD memory card. It can be released by same patterned **Universal Lock Key 3**.



CF Port Lock

CSK-CFD10
42.5 X 4.6 X 21.0mm | 3.0g

Blocks unused CF(CompactFlash) card port to prevent unauthorized access. It can be released by same patterned **Universal Lock Key 3**.



ODD Lock

CSK-OL10
28.2 X 3.9 X 26.6mm | 4.1g

Restricts the use of optical (DVD/CD-ROM) drives. It can be released by same patterned **Universal Lock Key 3**.



DisplayPort Lock

CSK-DLD10
16.0 X 4.7 X 8.6mm | 0.3g

Blocks unused DP (DisplayPort) to prevent unauthorized access. It can be released by same patterned **Universal Lock Key 3**.



BNC Port Lock

CSK-BNL10
Ø18 X 17.0 X 18.0mm | 17.5g

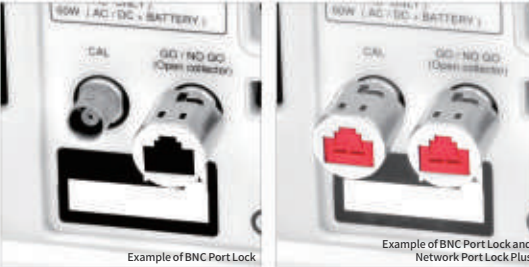
Prevents and delays external intrusion by physically blocking BNC ports such as measuring instruments, broad casting equipment, and communications equipment from being arbitrarily used. It can be released by same patterned **Universal Lock Key 3**.



RF Module Lock (Type N/M)

CSK-RM10
Ø20.9 X 14.8 X 28.0mm | 5.0g

Prevents and delays external intrusion by physically block ing RF Modules(N, M Type) such as measuring instruments, broadcasting equipment, and communications equipment from being arbitrarily used. It can be released by same patterned **Universal Lock Key 3**.



Lock Key Mini

CSK-U04

19.2 X 7.4 X 92.61mm | 8.5g

Advantages

- It can unlock all 7 **SMARTKEEPER Pro** Mini products.
- It managed by serial number is not available to the public (B2B only).
- It is provided after end user verification.



Thin but strong
Key Blades.
※ Pattern is obscured for security.



Flip the cover cap over
to protect the key blades.



Insert Mode



Retrieval Mode



Closed Mode (Not used)



Lock Key Mini Products



Mini USB-B Port Lock



Micro USB-B Port Lock



USB-C Port Lock



E-SATA Port Lock



HDMI Port Lock



Mini DisplayPort Lock



RJ11 Port Lock



Mini USB-B Port Lock

CSK-UL04

6.7 X 3.05 X 5.35mm | 0.1g

Blocks unused Mini USB-B (Mini-B) port to prevent unauthorized device access. It can be released by **Lock Key Mini**.



Before application to Mini USB-B port



After application to Mini USB-B port



Micro USB-B Port Lock

CSK-MUL04

6.85 X 1.79 X 3.5mm | 0.1g

Blocks unused Micro USB-B (Micro-B) port to prevent unauthorized device access. It can be released by **Lock Key Mini**.



Example applied to Micro USB-B port



Example applied to Micro USB-B port

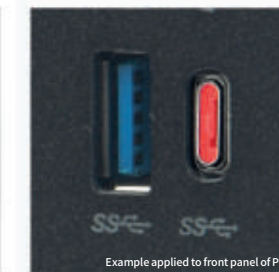


USB-C Port Lock

CSK-CL04

8.3 X 2.5 X 6.0mm | 0.2g

Blocks unused USB-C (USB Type C) port to prevent unauthorized device access. It can be released by **Lock Key Mini**.



Example applied to front panel of PC



Example applied to laptop



E-SATA Port Lock

CSK-ETD10
15.3 X 3.9 X 6.9mm | 0.3g

Blocks unused E-SATA(eSATAp) port to prevent unauthorized access. It can be released by **Lock Key Mini**.



HDMI Port Lock

CSK-HMD10
13.9 X 4.5 X 7.0mm | 0.3g

Blocks unused HDMI(High-Definition Multimedia Interface) port to prevent unauthorized access. It can be released by **Lock Key Mini**.



Mini DisplayPort Lock

CSK-MD04
7.4 X 4.4 X 5.0mm | 0.1g

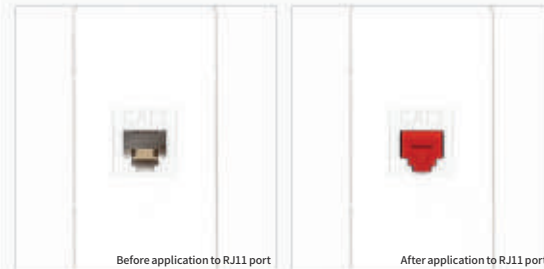
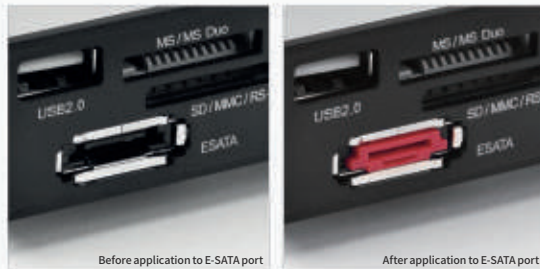
Blocks unused Mini DP(DisplayPort) to prevent unauthorized device access. It can be released by **Lock Key Mini**.



RJ11 Port Lock

CSK-MNL04
9.4 X 10.5 X 10.9mm | 0.5g

Blocks unused RJ11 port to prevent unauthorized device access. It can be released by **Lock Key Mini**.



No Key Required / Anti-Theft for Computer



USB Closing Lock



PC Lock
(Key Type)



PC Lock
(Combination)



Laptop Lock
(Combination)



Laptop Lock Plus
(Combination)



Laptop
DOCK & LOCK



USB Closing Lock

CSK-PC01
12.4 X 4.6 X 10.0mm | 1.0g

Blocks unused USB(USB type A) port **permanently** to prevent unauthorized device access. It cannot be released once inserted into the USB port.



Before application to USB port



After application to USB port



PC Lock (Key Type)

CSK-SL01
50.0 X 29.4 X 56.0mm | 123.0g
Cable | 2M X 3.0mm | 79.0g

Prevents theft of desktop PC or opening of the side panel of a desktop PC. A separate patterned key is required to unlock. Numerous patterns can be manufactured.



Example before applied to back panel of PC



Example after applied to back panel of PC



PC Lock (Combination)

CSK-SLD01
19.3 X 50.1 X 54.3mm | 91.0g
Cable | 2M X 3.0mm | 79.0g

Prevents theft of desktop PC or opening of the side panel of a desktop PC. Combination lock.



Example applied to back panel of PC



Example applied to back panel of PC



Laptop Lock (Combination)

CSK-LLD01
16 X 22.7 X 54.5mm | 62.0g
Cable | 2M X 3.0mm | 79.0g

Laptop locking device using USB (USB Type A) ports to prevent theft and removal of laptops.



Laptop Lock Plus (Combination)

LLD02
273.0 X 76.0 X 24.0 mm | 395.0g

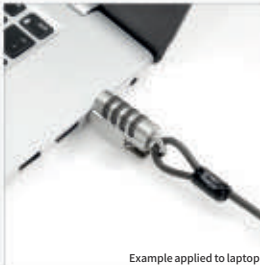
It is an anti-theft device for laptops. It can be installed without any security hole or specific ports. It secures the laptop to a physical appliance such as a table or desk with a security cable. It is a combination lock and SMARTKEEPER Multi Hub (optional) can be use together.



Laptop DOCK & LOCK

LLD02P
273.0 X 76.0 X 24.0 mm | 510.0g

A docking station type laptop security device that is compatible with various sizes of laptops and offers flexible expandability to prevent laptop theft and expand ports at the same time.



Example applied to laptop



Example applied to laptop



Example applied to laptop



Example applied to laptop



Example applied to laptop



Example applied to laptop

Network Switch

- Network Port Lock Plus
- Network Module Lock 4P / 8P / 12P
- LAN Cable Grip
- LAN Cable Lock Plus
- Secure LAN Cable Coupler
- Fiber Optic Module Lock Plus
- LAN Cable Link Lock
- Dedicated Cable
- Fiber Optic LC Cable Lock Dual / Single



Compatible with networking equipment including network switch, modem, router, etc.

Laptop

- USB Closing Lock
- USB Port Lock
- USB-C Port Lock
- Link Lock
- Link On
- Network Port Lock Plus
- Secure Drive
- Secure Connector
- SD Port Lock
- CF Port Lock
- HDMI Port Lock
- DisplayPort Lock
- Mini DisplayPort Lock
- LAN Cable Lock Plus
- Laptop Lock (Combination)



Compatible with MacBook

Imaging equipment and camera peripherals

- USB Port Lock
- USB-B Port Lock
- USB-C Port Lock
- Mini USB-B Port Lock
- Micro USB-B Port Lock
- HDMI Port Lock
- DisplayPort Lock
- Mini DisplayPort Lock
- SD Port Lock

Compatible with Mirrorless & DSLR Cameras



Network Access Server

- USB Port Lock
- USB-B Port Lock
- USB-C Port Lock
- USB Closing Lock
- E-SATA Port Lock
- Network Port Lock Plus
- Secure LAN Cable Coupler



Control numerous devices with one key

Universal Lock Key 3



Desktop_Front



- USB Port Lock
- USB-C Port Lock
- USB Closing Lock
- Link Lock
- Link Lock Hub
- Link On
- Secure Memory
- Secure Connector
- SD Port Lock
- CF Port Lock
- ODD Lock

Desktop_Rear



- USB Port Lock
- USB-B Port Lock
- USB-C Port Lock
- USB Closing Lock
- Link Lock
- Link Lock Hub
- Network Port Lock Plus
- Serial Port Lock
- DVI Port Lock
- Parallel Port Lock
- E-SATA Port Lock
- HDMI Port Lock
- DisplayPort Lock
- PC Lock (Key Type)
- PC Lock (Combination)

SMARTKEEPER PRO
can be your physical firewall.

Deployed to more than 3,000 major sites worldwide.
Physical cybersecurity products, **SMARTKEEPER**

A new paradigm in cybersecurity, **SMARTKEEPER PRO**

What is Physical Cybersecurity ?

Physically prevent data breach or cyber attack by
blocking input/output ports of PCs & network devices.

