

8/16 Port PS/2 - USB KVM Switch

CS1708A / CS1716A

Quick Start Guide

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Part No. PAPE-1223-411G

Printing Date: 04/2012



CS1708A / CS1716A 8/16 Port PS/2 - USB KVM Switch Quick Start Guide

Requirements

Console

- The following hardware components are required for each KVM console:
 - VGA, SVGA, or multisync monitor capable of displaying the highest resolution provided by any computer in the installation.
 - Keyboard and mouse (USB or PS/2)

Computers

- The following hardware components are required for each computer:
 - VGA, SVGA, or multisync video graphics card with an HD-15 port.
 - PS/2 mouse and keyboard ports (6-pin mini-DIN), at least one USB port.
 - Direct support Sun USB systems; or, for Sun legacy systems, an ATEN CV130A Sun Console Converter.

Hardware Review

Front View

- | | |
|-------------------------------------|--------------------------|
| 1. Port LEDs | 5. Firmware Upgrade Port |
| 2. Reset Button | 6. Power LED |
| 3. USB Port | 7. Station ID LED |
| 4. Firmware Upgrade Recovery Switch | |

Rear View

- | | |
|-----------------------|-------------------|
| 1. Daisy-chain Ports | 4. Cable Tie Slot |
| 2. KVM Ports | 5. Power Jack |
| 3. Grounding Terminal | 6. Console Port |

Commutateur KVM CS1708A / CS1716A – Guide de mise en route rapide

Configuration requise

Console

- Les composants matériels suivants sont requis pour chaque console KVM :
- Moniteur VGA, SVGA ou multisync prenant en charge la plus haute résolution utilisée sur les ordinateurs à installer
 - Clavier et souris (USB ou PS/2)

Ordinateurs

- Les composants suivants doivent être installés sur chaque ordinateur :
- Une carte graphique VGA, SVGA ou multisync avec un port HD-15
 - Ports souris et clavier PS/2 (mini-DIN à 6 broches), au moins un port USB
 - Prise en charge directe des systèmes USB Sun, ou convertisseur de console ATEN CV130A pour systèmes Sun

Description du matériel

Vue avant

- | | |
|--|--|
| 1. Voyants des ports | 5. Port de mise à niveau du microprogramme |
| 2. Bouton de réinitialisation | 6. Voyant d'alimentation |
| 3. Port USB | 7. Voyant d'ID de station |
| 4. Commutateur pour la récupération ou mise à niveau du microprogramme | |

Vue arrière

- | | |
|---------------------------------|--------------------------------------|
| 1. Ports de connexion en chaîne | 4. Emplacement de l'attache de câble |
| 2. Ports KVM | 5. Prise d'alimentation |
| 3. Bornes de terre | 6. Port de console |

CS1708A / CS1716A 8/16 Port PS/2 - USB KVM-Switch Kurzanleitung

Voraussetzungen

Konsolen

- Für jede KVM-Konsole sind folgende Geräte erforderlich:
- Ein VGA-, SVGA- oder multisync-Monitor, der in der Lage ist, die höchste Auflösung darzustellen, die Sie auf einem der zu installierenden Computer verwenden möchten.
 - Tastatur und Maus (PS/2 oder USB)

Computer

- Für jeden Computer muss Folgendes installiert werden:
- Eine VGA-, SVGA- oder multisync-Grafikkarte mit HD-15-Ausgang
 - PS/2-Anschlüsse für Maus und Tastatur (6-polige Mini-DIN-Buchse), mindestens ein USB-Anschluss
 - Direkte Unterstützung für Sun-USB-Systeme oder, für herkömmliche Sun-Systeme, ein ATEN CV130A Sun-Konsolkonverter

Hardwareübersicht

Vorderseite Ansicht

- | | |
|--|-------------------------------------|
| 1. Port-LEDs | 5. Port zur Firmware aktualisierung |
| 2. Reset-Taste | 6. LED-Betriebsanzeige |
| 3. USB-Port | 7. Stations-ID-LED |
| 4. Umschalter Firmware aktualisierung / Zurücksetzen | |

Vue arrière

- | | |
|------------------------------|------------------------|
| 1. Ports für Reihenschaltung | 4. Kabeldurchführung |
| 2. KVM-Ports | 5. Stromeingangsbuchse |
| 3. Erdungsanschluss | 6. Konsolport |

Commutador KVM 8/16 Puerto PS/2 - USB CS1708A / CS1716A Guía rápida

Requisitos

Consolas

- Se requieren los siguientes componentes de hardware para cada consola KVM:
- Monitor VGA, SVGA o multisync capaz de representar la resolución más elevada que vaya a usar con cualquiera de los ordenadores a instalar
 - Teclado y ratón (USB o PS/2)

Ordenadores

- En cada ordenador se tienen que instalar los siguientes componentes:
- Una tarjeta gráfica VGA, SVGA o MultiSync con un puerto HD-15
 - Puertos para teclado y ratón PS/2 (mini-DIN de 6 patillas), por lo menos un puerto USB
 - Admite directamente los sistemas USB Sun, o bien un convertidor de consola ATEN CV130 para ordenadores Sun.

Presentación del hardware

Vista frontal

- | | |
|--|---|
| 1. Indicadores LED de los puertos | 5. Puerto para actualizaciones del firmware |
| 2. Tecla de reseteo | 6. Indicador LED de alimentación |
| 3. Puerto USB | 7. Indicador LED de ID de estación |
| 4. Comutador para recuperar o actualizar el firmware | |

Vista posterior

- | | |
|---------------------------------------|----------------------------|
| 1. Puertos para conexión en margarita | 4. Ranura para cables |
| 2. Puertos KVM | 5. Entrada de alimentación |
| 3. Terminal de tierra | 6. Puerto de consola |

A

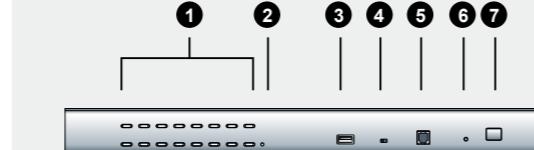
Package Contents

- 1 CS1708A / CS1716A-KVM Switch with Standard Rack Mounting Kit
- 2 Custom KVM Cable Sets
- 1 Console Cable
- 1 Firmware Upgrade Cable
- 1 Power Adapter
- 1 Foot Pad Set (4 pcs)
- 1 User Instructions

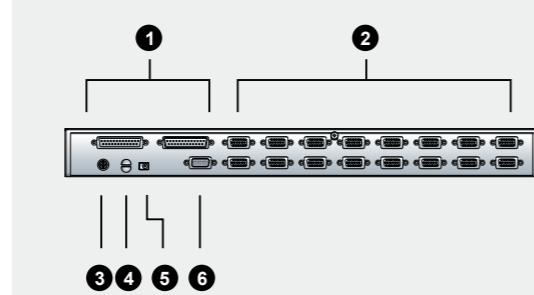
B

Hardware Review

Front view



Rear view

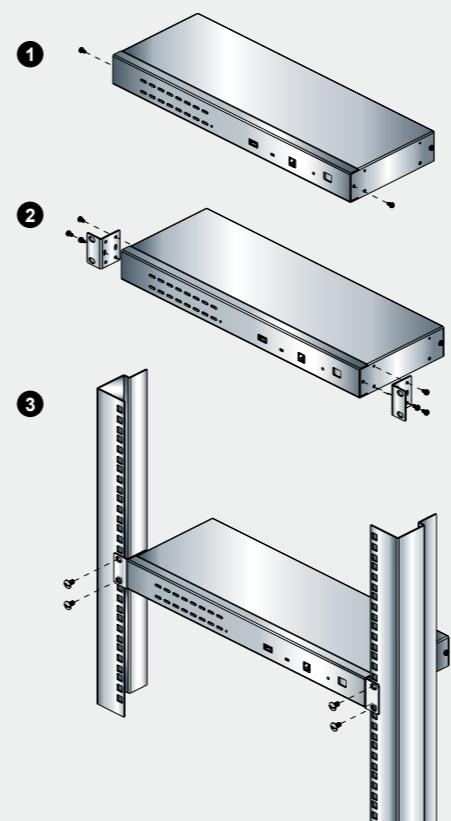


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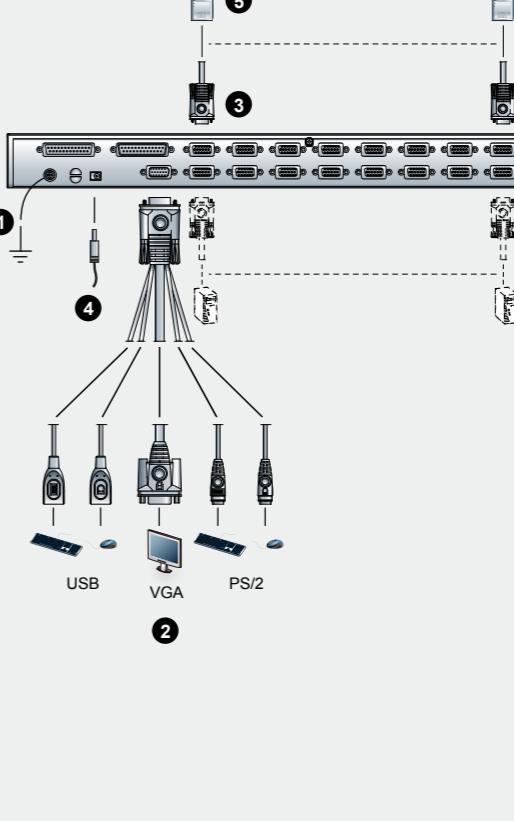
Installation Diagram

- Rack Mounting – Front

a

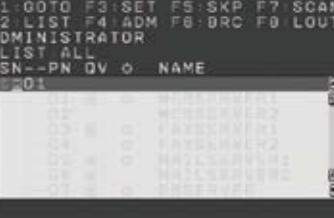


b



D

OSD Main Screen



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部件名称	铅	汞	镉	六价铬	多溴联苯	多溴二英
机架组件	○	○	○	○	○	○

○ 表示该部件含有有害物质且在该部件的所有物质材料中的含量均符合SJ/T 1136-2006规定的限量要求。

● 表示该部件不含该限制条款，但含有有害物质且在该部件的某一均质材料中的含量超出SJ/T 1136-2006的限量要求。

× 表示该部件含有有害物质且在该部件的某一均质材料中的含量超过H.S.R.JT 1136-2006的限量要求。

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2. Press and release the F12 key;
3. Release the Ctrl key: [Ctrl] + [F12]

Hotkey Summary Table

[A] [Enter] or [Q] [Enter]	Invokes Auto Scanmode. When Auto Scanmode is in effect, [P] or left-click pauses auto-scanning. When auto-scanning is paused, pressing any key or another left-click resumes auto-scanning.
[B]	Toggles the beeper on or off.
[Esc] or [Spacebar]	Exits hotkey mode.
[F1]	Set Operating System to Windows.
[F2]	Set Operating System to Mac.
[F3]	Set Operating System to Sun.
[F5]	Performs a keyboard / mouse reset on the target computer.
[Num Lock] + [-] or [Ctrl] + [F12]	Toggles the Quick Hotkey invocation keys between [Ctrl] + [F12] and [Num Lock] + [-].
[R] [Enter]	This administrator only hotkey restores the switch's default values.
[SN][PN] [Enter]	Switches access to the computer that corresponds to that port ID.
[T]	Toggles the OSD Hotkey between [Ctrl] and [Shift] Lock.
[-]	Invokes Skip mode and skips from the current port to the first accessible port previous to it.
[--]	Invokes Skip mode and skips from the current port to the next accessible port.
[I]	Invokes Skip mode and skips from the current port to the last accessible port of the previous station.
[I]	Invokes Skip mode and skips from the current port to the first accessible port of the next station.

Operation

The CS1708A / CS1716A provides three port selection methods to access the computers on the installation: Manual, an OSD (on-screen display) menu system, and Hotkeys.

1.Manual Port Switching

Use the front panel pushbutton switches to manually switch to a port.

2.OSD Port Switching

The OSD incorporates a two level (administrator / user) password system.

Before the OSD main screen displays, a login screen appears requiring a password. If this is the first time that the OSD is used, or if the password function has not been set, simply press [Enter]. The OSD main screen displays in administrator mode.

To bring the KVM focus to a port particular, double-click it, or move the Highlight Bar to it then press [Enter].

Note: You can optionally change the OSD hotkey to the [Ctrl] key, in which case you would press [Ctrl] twice. With this method, you must press the same [Ctrl] key.

3.Keyboard Port Switching

All hotkey operations begin by invoking Hotkey mode. There are two possible keystroke sequences used to invoke Hotkey mode, though only one can be operational at any given time:

Number Lock and Minus Keys (Default Hotkey)

1. Hold down the Num Lock key;
2. Press and release the minus key;
3. Release the Num Lock key:

Control and F12 Keys

1. Hold down the Ctrl key;

2.Commutation des ports par OSD

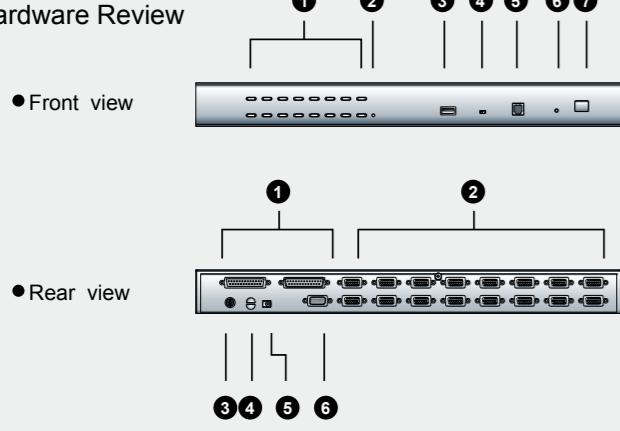
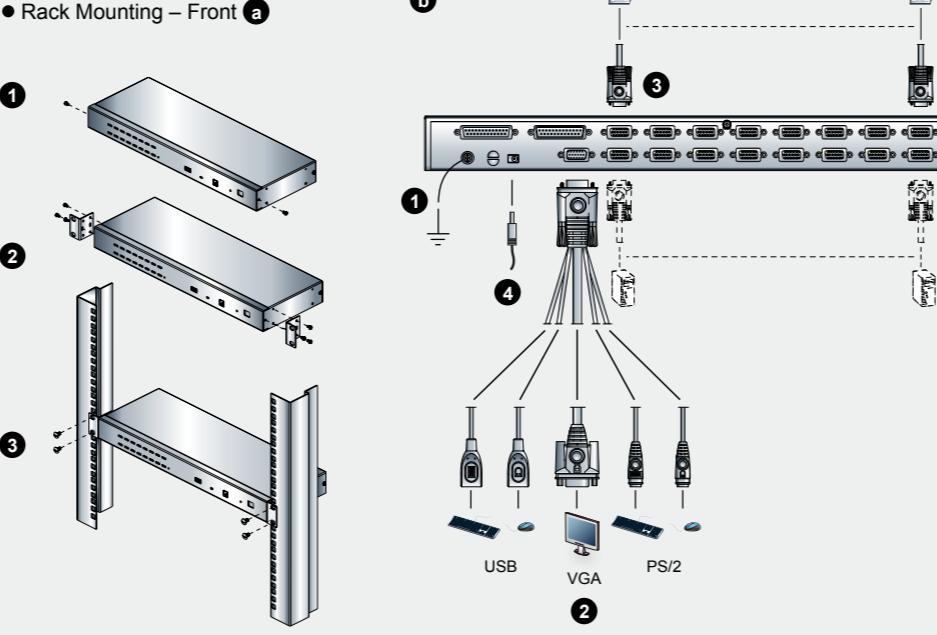
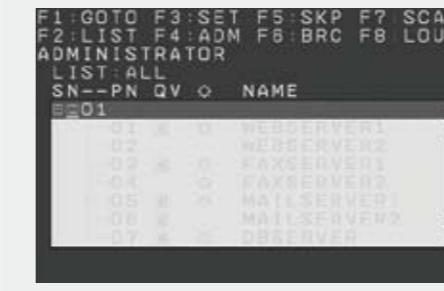
The OSD incorporate un système de mot de passe à deux niveaux (administrateur / utilisateur).

Avant d'accéder à l'écran principal de l'OSD, une page de connexion requiert un mot de passe s'affiche. Si vous utilisez l'OSD pour la première fois ou si la fonction de mot de passe n'a pas encore été configurée, appuyez simplement sur la touche [Entrée]. L'écran principal de l'OSD s'affiche en mode administrateur.

<p

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- 1 CS1708A / CS1716A KVM Switch with Standard Rack Mounting Kit
- 2 Custom KVM Cable Sets
- 1 Console Cable
- 1 Power Adapter
- 1 Firmware Upgrade Cable
- 1 User Instructions

B**Hardware Review****C****Installation Diagram****D****OSD Main Screen****Online Registration International:**<http://support.aten.com>**North America:**http://www.aten-usa.com/product_registration**Technical Phone Support International:**

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机构组件	○	○	○	○	○	○	○
有毒有害物质声明书	○	○	○	○	○	○	○

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CS1708A / CS1716A 8/16 Porta PS/2 - USB KVM Switch – Guida rapida**Requisiti****Console**

Per ogni console KVM è necessario utilizzare i seguenti componenti hardware:

- Un monitor VGA, SVGA o multisync, con la più alta risoluzione fra quelle utilizzate dai computer collegati
- Tastiera e mouse USB o PS/2

Computer

In ogni computer deve essere installato il seguente equipaggiamento:

- Una scheda grafica VGA, SVGA o Multisync con una porta HDB-15
- Porta PS/2 per mouse e tastiera (Mini-DIN a 6 pin), almeno 1 porta USB
- Sistemi Sun USB di supporto diretto; o, per i sistemi Legacy Sun, un convertitore di console ATEN CV130A

Hardware C**Visione anteriore**

- | | |
|--|---|
| 1. LED della porta | 5. Porta per l'aggiornamento del firmware |
| 2. Pulsante Ripristina | 6. LED d'alimentazione |
| 3. Porta USB | 7. LED dell'ID di stazione |
| 4. Commutatore per il ripristino dell'aggiornamento del firmware | |

Visione posteriore

- | | |
|------------------------------|--|
| 1. Porta in cascata | 4. Allungamento della giunzione del cavo |
| 2. Porta KVM | 5. Presa d'alimentazione |
| 3. Termiale di messa a terra | 6. Porta di collegamento alla consolle |
| | 5. Accendere il computer |

CS1708A / CS1716 A KVM 8/16 ポート PS/2 - USB スイッチ クイックスタートガイド**Installazione dell'hardware C****Montaggio in rack – lato anteriore**

1. Rimuovere le viti dai lati destro e sinistro dello switch (2 viti in totale) vicino al lato anteriore dello switch stesso.

2. Utilizzare le M3 x 8 viti a croce fornite con il kit di montaggio in rack per avvitare le staffe sui lati, vicino al pannello anteriore del dispositivo.

3. Posizionare lo switch KVM sul rack. Posizionare nel rack ed allineare i fori nelle staffe per il montaggio con quelli sul rack. Avvitare i supporti per il montaggio sul davanti del rack.

Messa a terra

Allo scopo di prevenire all'installazione, assicurarsi che tutti i dispositivi interessati siano dotati di un'adeguata messa a terra.

Utilizzare un filo apposito per mettere a terra il CS1708A / CS1716A, collegando un'estremità del filo all'apparecchio da mettere a terra e l'altra estremità a un dispositivo dotato di adeguata messa a terra.

Installazione singola

In un'installazione singola non sono presenti switch in cascata dalla prima unità. Per effettuare un'installazione a cascata, procedere come segue:

1. Eseguire la messa a terra del CS1708A / CS1716A e accertarsi che tutti i computer da collegare siano spenti

2. Utilizzando il cavo per console in dotazione, collegare una tastiera, un mouse e un monitor alla porta della consolle del CS1708A / CS1716A.

3. Utilizzare un cavo KVM per collegare una qualsiasi delle porte KVM alle porte della tastiera, del monitor e del mouse del computer che si sta installando.

4. Inserire il cavo dell'alimentazione nella presa d'alimentazione del CS1708A / CS1716A, quindi inserire l'alimentatore in una presa di corrente CA.

5. Accendere il computer

Funcionamiento

Il CS1708A / CS1716A offre tre metodi di selección de la puerta para acceder al computador

de instalación: Manuale, sistema de menú OSD (On-Screen Display) e tasti de ricerca rápida.

1.Cambiamento manuale della porta

Utilizar los interruptores en el panel frontal para cambiar la puerta manualmente.

2.Cambiamento della porta tramite OSD

El OSD incorpora un sistema de password a dos niveles (Administrador/Utente).

Prima que aparezca la pantalla principal del OSD, comparará una pantalla de login donde viene la contraseña. Se es la primera vez que se ejecuta el OSD, o se no se está impuesta la función password, premere solamente [Invo]. Aparecerá la pantalla principal del OSD en modalidad Administrador.

Para seleccionar una puerta por el KVM, fare doble clic su essa o evidenciarla e premere [Invo].

Nota: Si lo se desidera, es posible cambiare el modo de scelta rápida del OSD con el tecla [Ctrl],

en el qual caso si premiera [Ctrl] dos veces. En este modo es necesario premere lo mismo

tasto [Ctrl].

3.Cambiamento della porta tramite tastiera

Tutte le operazioni con i tasti di scelta rapida iniziano con la selezione della modalità Tasti di scelta rapida. Per richiamare questa modalità esistono due possibili sequenze di tasti, ma uno solo è sempre operativo:

Tasti Bloc Num o Menù (Tasto di scelta rapida predefinito)

1. tenere premuto il tasto Bloc Num
2. premere e rilasciare il tasto Menù

[Bloc Num] + [-]

Tasti Control F12

1. tenere premuto el tasto Ctrl
2. premere e rilasciare el tasto F12

[Ctrl] + [F12]

Tabella di riassunto dei tasti di scelta rapida

[A] [Invo] o [Q] [Invo]	Richiamare la modalità Scansione automatica. Quando la modalità Scansione automatica è attiva, premendo questo tasto si mette in pausa la modalità.
[B] [Esc] o [Barra Spaziatrice]	Attiva e disattiva el señal acustico.
[F1]	Uscita dalla modalità Tasti di scelta rapida.
[F2]	Imposta el sistema operativo Windows.
[F3]	Imposta el sistema operativo Mac.
[F5]	Imposta el sistema operativo su Sun.
[Bloc Num] + [-] o [F12]	Esegue un ripristino de la tastiera/del mouse su el ordenador.
[H]	Seleziona como tasto de activación de la modalidad Tasti di scelta rapida [Ctrl] o [F12] o [Num Lock] + [-].
[R] [Invo]	Questo tasto de scelta rapida utilizabile solo dall'administrador ripristina i valores predeterminados.
[SNJ][PN] [Invo]	Cambia el acceso al computador correspondiente a quel ID de la porta.
[T]	Seleziona como Tasti di scelta rapida del OSD [Ctrl] o [Scroll Lock] [Ctrl] o [Scroll Lock].
[T]	Richama la modalidad Passa a... e pasa dalla porta corriente alla primera porta accesible precedente.
[T]	Richama la modalidad Passa a... e pasa dalla porta corriente alla ultima porta accesible de la estación precedente.
[T]	Richama la modalidad Passa a... e pasa dalla porta corriente a la primera porta accesible de la estación successiva.

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Ctrl y F12キー

1. [Ctrl] キーを押した状態を保持し;

2. [F12] キーを押して下さい

[Ctrl] + [F12]

ホットキー一覧表

[A] [Enter]	オートスキャンモード実行。任意のポート表示で一時停止した場合は、[Shift]キーを押す。もしくは左クリックしてください。時停止中のキーを押すと、もしくは右クリックしてください。
[B] [Shift]	ビープ音のオノフ設定。
[Esc]またはスペークスキー	ホットキー モードを終了します。
[F1]	ポートに接続されたコンピュータのOSをWindowsに設定します。
[F2]	ポートに接続されたコンピュータのOSをMacに設定します。
[F3]	ポートに接続されたコンピュータのOSをSunに設定します。
[F5]	ポートのモードを変更します。[Ctrl] + [F12]もしくは[Num Lock] + [-]もしくは[Ctrl] + [F12]
[Num Lock]	ポートのモードを変更します。[Ctrl] + [F12]もしくは[Num Lock] + [-]もしくは[Ctrl] + [F12]
[R] [Enter]	アドミン権限でストレージ権限を復元。デフォルト設定の復元。
[SNJ][PN] [Enter]	ポートIDに基づくコンピュータ選択。
[T]	ホットキー選択[Ctrl] [Ctrl]もしくは[Scroll Lock] [Scroll Lock]。
[T]	スキップポート実行。
[T]	次のポートにスクロールします。
[T]	最後のポートにスクロールします。
[T]	スキップポート実行。
[T]	一番先のポートにアクセスします。
[T]	一番最後のポートにアクセスします。

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Control キ + F12 キ

1. Ctrl キーを 누르고 있는 상태에서;

2. F12 キー를 눌렀다가 뗅니다;

[Ctrl] + [F12]

ホットキー一覧表

[A] [Enter] 또는 [Q] [Enter]	オートスキャンモード実行。任意のポート表示で一時停止します。
[B] [Shift]	オートスキャンモードを再開します。
[Esc] 또는 [Spacebar]	ホットキー モードを終了します。
[F1]	ポートに接続されたコンピュータのOSをWindowsに設定します。
[F2]	ポートに接続されたコンピュータのOSをMacに設定します。
[F3]	ポートに接続されたコンピュータのOSをSunに設定します。
[F5]	ポートのモードを変更します。[Ctrl] + [F12]もしくは[Num Lock] + [-]もしくは[Ctrl] + [F12]
[Num Lock]	ポートのモードを変更します。[Ctrl] + [F12]もしくは[Num Lock] + [-]もしくは[Ctrl] + [F12]
[R] [Enter]	アドミン権限でストレージ権限を復元。デフォルト設定の復元。
[SNJ][PN] [Enter]</td	