

Slideaway[™] LCD KVM Switch

CL5708 (CL5708M: 17" LCD; CL5708FM: 17" LCD with fingerprint reader; CL5708MW: 17.3" LCD; CL5708N: 19" LCD) CL5716 (CL5716M: 17" LCD; CL5716FM: 17" LCD with fingerprint reader; CL5716MW: 17.3" LCD; CL5716N: 19" LCD)

The CL5708 / CL5716 Slideaway[™] LCD KVM Switch series is a control unit that allows access to multiple computers from a single PS/2 or USB KVM (keyboard, video, and mouse) console. A single CL5708 or CL5716 can control up to 8 or 16 computers. As many as 31 additional KVM switches can be daisy-chained to the CL5708 / CL5716, so that up to 256 / 512 computers can all be controlled from a single KVM console.

The CL5708 / CL5716 offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, 17", 17.3" or 19" LED-backlit LCD monitor, and touchpad in a 1U rack-mountable sliding housing. To enhance security, the CL5708 / CL5716 offers the option to use a fingerprint identification system for controlling access to both the CL5708 / CL5716 itself and the servers it commands.

The CL5708 / CL5716 is built on a modular design. The KVM section can be detached from the switch section for convenient maintenance and repair.



Features

- Exclusive LED illumination light designed by ATEN to illuminate the keyboard and touchpad to allow visibility in lowlight conditions
- Integrated KVM console with 17", 17.3" or 19" LED-backlit LCD monitor in a Slideaway™ housing
- Available with or without fingerprint identification reader¹
- Space saving technology up to two consoles (one bus) control up to 8 or 16 computers
- Daisy-chain up to 31 additional units controls up to 256 (CL5708) or 512 (CL5716) computers from a single console.
- Dual interface supports computers and console with PS/2 or USB keyboards and mice
- USB port allows each computer to access USB peripherals² (inapplicable to CL5708MW / CL5716MW)
- LCD module rotates up to 120 degrees for a more comfortable viewing angle
- Multiplatform support Windows, Linux, Mac, and Sun
- Supports multimedia USB keyboards for PC, Mac and Sun
- Auto PS/2 and USB interface detection
- Keyboard and mouse emulation (PS/2 and USB) for smooth switching and simultaneous booting of multiple computers even when the console focus is elsewhere



- Additional hot-pluggable USB mouse port on front panel (also functions as a USB peripheral port)
- Superior video quality supports resolutions of up to 1280 x 1024 @ 75 Hz (CL5708M / CL5708FM / CL5708N / CL5716M / CL5716N) and 1920 x 1080 @ 60 Hz (CL5708MW / CL5716MW)
- No software required convenient computer selection via front panel pushbuttons, hotkeys and multilingual onscreen display (OSD) menus
- Auto-senses station's position on daisy-chained installations; no need for manual dip switch setting; front panel LED indicates station's position
- Port names automatically reconfigured when station sequence is changed
- Two level password security only authorized users can view and control computers
- Supports one administrator and four user accounts with separate profiles
- Auto Scan mode enables continuous monitoring of user-selected computers
- Broadcast supports commands from the keyboard can be broadcast to all available computers on the installation
- Hot pluggable
- Beeper on / off via hotkey and OSD
- Firmware upgrades to all the chained KVM switches at the same time via the daisy-chain cable
- Optional rack mount kits available including easy installation options
- Keyboard Language supports: English (US), English (UK), French, German, German (Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese

Note:

- 1. The fingerprint reader can be used as an alternate means of logging in to the switch. From 1 to 4 fingers can be scanned for each user and the administrator, with any one of the recorded fingerprints used to log in.
- 2. The USB peripheral function only works with USB cable set connections. It will not work with PS/2 cable set connections (inapplicable to CL5708MW / CL5716MW).

Highlights

USB port (A)	An additional USB port located under the LCD panel is available to connect peripheral devices (flash drive, CD-ROM drive, etc.) to the switch. USB peripherals can be used to install software, OS patches, or make system backups to computers connected to the installation from the CL5708 / CL5716 (inapplicable to CL5708MW / CL5716MW)
Extra USB mouse port (B)	For added convenience, a USB mouse port is provided for users who prefer to use an external mouse.
Fingerprint identification* (C) The fingerprint reader can be used as an alternate means of logging in to the switch. From 1 to 4 fingers can be scanned for each user and the administration with any one of the recorded fingerprints used to log in.	
Flexibility	The LCD module rotates up to 120 degrees for a more comfortable viewing angle.
Multilanguage support	The CL5708 / CL5716 supports the following OSD languages: English, German, Japanese, Traditional Chinese and Simplified Chinese.
Broadcast mode	When this function is in effect, commands sent from the console are broadcast to all available computers on the installation. This function is particularly useful for operations that need to be performed on multiple computers, such as performing a system wide shutdown, installing or upgrading software, etc.

* Models with fingerprint identification reader only.









Single Person Easy Installation Kit

Slideaway[™] LCD KVM switches allow you to choose from a host of optional rack mount kits to meet your needs, including the Single Person Easy Installation Rack Mount Kit, which streamlines the rack mounting process.

Normal rack mounting procedures call for at least two people to rack mount a KVM switch. The Single Person Easy Installation Rack Mount Kit enables one person to rack mount a Slideaway[™] LCD KVM switch. In just a matter of minutes, your new Slideaway[™] LCD KVM switch can go from the box to the rack.

For convenience and flexibility, there is one standard, and three optional rack mounting kits available:



Rack Mount Kit	Depth (cm)		
2X-010G	17″	68 - 105	
(Long / Optional)	17.3" / 19"	70 - 105	
Short (Standard)	17″	42 - 82	
	17.3" / 19"	52 - 85	

Easy Installation Rack Mount Kit	Depth (cm)	
2K-0006 (Long / Optional)	68 -105	
2K-0005 (Short / Optional)	57 - 70	





Specifications

	CL5708M	CL5708MW	CL5708N	
Computer Connections				
Direct		8		
Maximum		256 (via Daisy-chain)		
Port Selection		OSD, Hotkey, Pushbutton		
Connectors				
KVM Ports		8 x SPHD Female (Yellow)		
Daisy Chain Ports		1 x DB-25 Male		
Firmware Upgrade		1 x RJ-11 Female		
Power		1 x IEC 60320/C14		
External Console Ports		1 x SPHD Male (Yellow)		
External Mouse Port		1 x USB Type-A Female (Front)		
USB Port	1 x USB Type-A Female	N/A	1 x USB Type-A Female	
Switches				
Port Selection		2 x Pushbutton		
Station Selection		2 x Pushbutton		
Reset		1 x Semi-recessed Pushbutton		
Firmware Upgrade		1 x Slide Switch		
Power		1 x Rocker Switch		
LCD Control		4 x Pushbutton		
LCD Power		1 x LED Pushbutton		
LEDs				
Online		Q (Orango)		
Port ID	8 (Orange)			
Station ID		2 x 7-segment LED Display (Orange)		
Power		2 x 7-segment LED Display (Orange) 1 (Dark Green)		
Power		1 x Num Lock (Green)		
Lock		1 x Caps Lock (Green)		
LOCK	1 x Scroll Lock (Green)			
LED Illumination Light	1 x LED Illumination Light			
Panel Spec				
LCD Module	17 " TFT-LCD	17.3" TFT-LCD	19" TFT-LCD	
Resolution	1280 x 1024 @ 75 Hz	1920 x 1080 @ 60 Hz	1280 x 1024 @ 75 Hz	
Response time	5 ms	16 ms	5 ms	
Viewing Angle	170° (H), 160° (V)	170° (H), 170° (V)	170° (H), 160° (V)	
Pixel Pitch	0.264 mm x 0.264 mm	0.1989 mm x 0.1989 mm	0.294 mm x 0.294 mm	
Support Color	16.77M colors			
Contrast Ratio			1000:01	
Luminance	250 cd/m ²			
Video				
VIGCO	up to 1920 × 1200 @ 60 Hz;	up to 1920 × 1200 @ 60 Hz;	up to 1920 × 1200 @ 60 Hz;	
Input Video Resolution	1280 × 1024 @ 75 Hz, DDC2B	1920 × 1080 @ 60 Hz, DDC2B	1280 × 1024 @ 75 Hz, DDC2B	
Scan Interval		1-255 seconds		
		1-255 Seconds		
Emulation				
Keyboard / Mouse	PS/2, USB			
Maximum Input Power Rating	AC110\4.22.0\4/	100-240V AC, 50 / 60 Hz, 1A AC110V: 14.5W	AC110V: 26.1W	
Power Consumption	AC110V: 23.9W AC220V: 25.1W	AC110V: 14.5W AC220V: 15.4W	AC110V: 26.1W AC220V: 27.2W	
Environmental				
Operating Temperature	0 – 40 °C	0 – 40 °C	0 – 50 °C	
Storage Temperature	-20 – 60 °C			
Humidity		0 – 85% RH, Non-condensing		
Physical Properties	1	. 5		
Housing	Metal + Plastic			
Rail Type	Single Rail			
Weight	13.47 kg	13.39 kg	13.39 kg	
VVEIGITE				



Specifications

	CL5716M	CL5716MW	CL5716N		
Computer Connections		4.5			
Direct Maximum		16 512 (via Daisy-chain)			
Port Selection					
Connectors	OSD, Hotkey, Pushbutton				
KVM Ports		16 x SPHD Female (Yellow)			
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Daisy Chain Ports		1 x DB-25 Male			
Firmware Upgrade		1 x RJ-11 Female			
Power		1 x IEC 60320/C14			
External Console Ports		1 x SPHD Male (Yellow)			
External Mouse Port	1 x USB Type-A Female (Front)				
USB Port Switches	1 x USB Type-A Female	N/A	1 x USB Type-A Female		
Port Selection		2 x Pushbutton			
Station Selection		2 x Pushbutton			
Reset		1 x Semi-recessed Pushbutton			
Firmware Upgrade		1 x Slide Switch			
Power		1 x Rocker Switch			
LCD Control		4 x Pushbutton			
LCD Power		1 x LED Pushbutton			
LEDs					
Online	16 (Orange)				
Port ID		2 x 7-segment LED Display (Orange)			
Station ID		2 x 7-segment LED Display (Orange)			
Power		1 (Dark Green)			
	1 x Num Lock (Green)				
Lock		1 x Caps Lock (Green)			
	1 x Scroll Lock (Green)				
LED Illumination Light	1 x LED Illumination Light				
Panel Spec					
LCD Module	17" TFT-LCD	17.3" TFT-LCD	19" TFT-LCD		
Resolution	1280 x 1024 @ 75 Hz	1920 x 1080 @ 60 Hz	1280 x 1024 @ 75 Hz		
Response time	5 ms	16 ms	5 ms		
Viewing Angle	170° (H), 160° (V)	170° (H), 170° (V)	170° (H), 160° (V)		
Pixel Pitch	0.264 mm x 0.264 mm	0.1989 mm x 0.1989 mm	0.294 mm x 0.294 mm		
Support Color	16.77M colors				
Contrast Ratio			1000:01:00		
Luminance	250 cd/m ²				
Video					
	up to 1920 × 1200 @ 60 Hz;	up to 1920 × 1200 @ 60 Hz;	up to 1920 × 1200 @ 60 Hz;		
Input Video Resolution	1280 × 1024 @ 75 Hz, DDC2B	1920 × 1080 @ 60 Hz, DDC2B	1280 × 1024 @ 75 Hz, DDC2B		
Scan Interval		1-255 seconds	1200 x 102 1 0 75 112, DD C2D		
Emulation		1 235 300000			
Keyboard / Mouse		PS/2, USB			
Maximum Input Power Rating	100-240V AC, 50 / 60 Hz, 1A				
Power Consumption	AC110V: 24.7W	AC110V: 14.8W	AC110V: 26.9W		
	AC220V: 25.8W	AC220V: 15.6W	AC220V: 27.9W		
Environmental					
Operating Temperature	0 – 40 °C	0 – 40 °C	0 – 50 °C		
Storage Temperature	-20 – 60 °C				
Humidity	0 – 85% RH, Non-condensing				
Physical Properties		,			
Housing	Metal + Plastic				
Rail Type	Single Rail				
			1		
Weight	13.59 kg	13.65 kg	13.65 kg		

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5