

KL3116T

16-Port Dual Rail Touchscreen KVM Switch

ALTUSCN™
Enterprise KVM Solutions by ATEN

The KL3116T Dual Rail Touchscreen KVM Switch is an integrated LCD console and KVM (keyboard, video, and mouse) switch that offers secure access to 16 attached computers with a dual USB or PS/2 interface, and mounts in only 1U of rack space. It features an independently retractable 17" touchscreen LCD monitor and keyboard with built-in touchpad. To maximize space in your data center the keyboard "hides away" when not in use, while the thin profile LCD monitor reclines flush against the rack to enable continuous monitoring of computers.

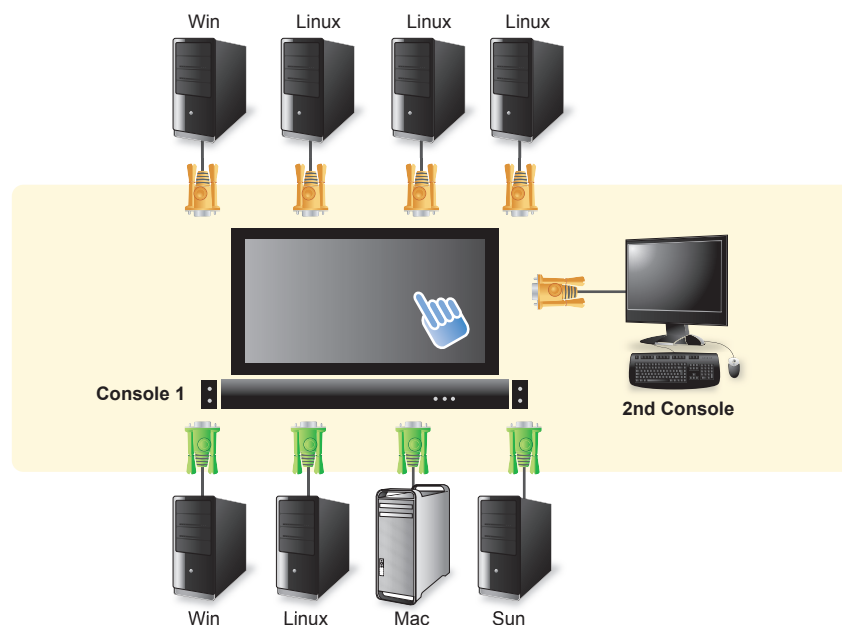
The KL3116T is ideal for industrial environments such as factory production lines, laboratories, and server rooms, or anywhere else an LCD KVM switch is required. Anyone working on a production line while wearing gloves knows the difficulty of trying to control on-screen testing programs with the use of a mouse. The KL3116T touchscreen is the easiest and most convenient way to solve problems with user interactive production line testing programs. You can use the touchscreen, as well as additional on-screen icons, to operate the OSD menu or apply hotkey functions. As many as 31 additional switches can be daisy-chained together, so that up to 512 computers can be controlled from a single keyboard, touchscreen, and mouse console. You can also conveniently share USB peripherals attached to the KL3116T with computers on the same level. The KL3116T is the first Dual Rail Touchscreen KVM switch of its kind that requires no additional software to operate; simply connect the KL3116T to your installation and begin using it immediately.

» FEATURES

- Integrated KVM console with 17" LCD monitor in a Dual Rail housing
- Space saving technology – up to two consoles (sharing one bus) can control up to 16 computers
- Touchscreen offers convenient operation without extending the keyboard module or using a mouse
- Touchscreen on-screen icons enables quick and full operation of the OSD menu or apply hotkey functions
- Supports touchscreen for control without drawing out the keyboard
- Simple one-point and two-point touchscreen calibration including separate methods for calibrating the OSD (on-screen display) and attached computers with varying resolutions
- Dual interface supports computers and KVM Switches with PS/2 or USB keyboards and mice
- USB peripheral support for attached computers*
- Conveniently located station and port selectors with LED displays to quickly switch to target computers
- Dual Rail housing is slightly less than 1U with top and bottom clearance for smooth operation in 1U of rack space
- LCD module rotates up to 120 degrees for a more comfortable viewing angle
- Console lock – enables the console drawer to remain securely locked away in position when not in use
- Dedicated Hotkey Mode and OSD invocation Keys reduce the number of keystrokes and provide quick access to these functions
- Daisy-chain up to 31 additional KVM switches** to control up to 512 computers



- No software required
 - Extra console port – manage computers in the LCD KVM switch from an external console (monitor, USB or PS/2 keyboard and mouse)
 - Supports External USB mouse
 - Convenient computer selection via mouse-driven, intuitive OSD menus and hotkeys
 - OSD tree structure makes finding and managing computers easy
 - Dual Rail – LCD monitor slides independently of the keyboard/touchpad
 - Hot pluggable – add or remove computers without powering down the switch
 - OSD port list automatically expands when new stations are added
 - OSD screen automatically adjusts to resolution changes
 - Auto Scan mode enables continuous monitoring of user-selected computers
 - Broadcast support – commands from the keyboard can be broadcast to all available computers on the installation
 - Two-level password security – Administrator and up to four Users; only authorized users view and control the computers; separate profiles for each
 - Administrator/user password authorization for enhanced security protection; administrator access rights synchronized between master and slave stations
 - LCD power button helps save energy and prolong display's life
 - DDC emulation – video settings of each computer are automatically adjusted for optimal output to the monitor
 - Standard 105-key keyboard
 - Keyboard status restored when switching computers
 - Keyboard and mouse emulation (PS/2 and USB) for smooth switching and simultaneous booting of multiple computers even when the console focus is elsewhere
 - Superior video quality – supports resolutions up to 1280 x 1024 @ 75 Hz
 - Two types of logout: manual and timed
 - Firmware upgradable
- * Supports USB peripherals for computers connected to the local station
- **Compatible KVM switches: ACS1208A, ACS1216A, CS1708A, CS1716A, KH1508A, KH1516A, KH0116



» Benefits

Touchscreen technology	The touchscreen has on-screen icons that ensure full operation even without a keyboard or mouse.
No Software Required	The KL3116T is the first Dual Rail Touchscreen KVM Switch of its kind that does not require additional software to be installed on computers.
Peripheral USB Port	The USB port located under the LCD panel is used 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 KL3116T.
Extra USB mouse port	For added convenience, a USB mouse port is provided for users who prefer to use an external mouse.
Flexibility	The LCD module rotates up to 120 degrees for a more comfortable viewing angle.
Multilanguage support	The KL3116T 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.

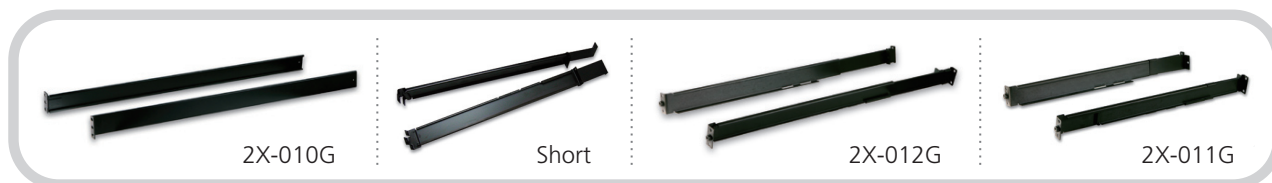
» Optional

Single Person Easy Installation Kit (Optional)

Dual Rail Touchscreen KVM Switch allows 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 require 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 Dual Rail Touchscreen KVM Switch. In just a matter of minutes, your new Dual Rail Touchscreen 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	Rack Depth	Easy Installation Rack Mount Kit	Rack Depth
2X-010G (Long / Optional)	68–105 cm	2X-012G (Long / Optional)	68–105 cm
Short (Standard)	42–77 cm	2X-011G (Short / Optional)	57–70 cm

Specifications:

Function		KL3116T
Computer Connections	Direct	16
	Max	512 (via Daisy-chain)
Port Selection		OSD, Hotkey, Pushbutton
Connectors	External Console Port	1 x SPHD-18 (Male)
	External Mouse Port	1 x USB TypeA (Female)
	KVM Ports	16 x SPHD-15/17 (Female)
	Daisy-chain	1 x DB-25 (Male)
	FW Upgrade	1 x RJ-11 (Female)
	Power	1 x 3-prong AC Socket
	USB Port	1 x USB TypeA (Female)
Switches	Reset	1 x Semi-recessed Pushbutton
	Power	1 x Rocker
	Firmware Upgrade	1 x Slide
	LCD Adjustment	4 x Pushbutton
	LCD Power	1 x LED Pushbutton (Orange)
	KVM OSD	1 x Pushbutton
	Port Selection	2 x Pushbutton
	Station Selection	2 x Pushbutton
LEDs	On Line	16 (Green)
	Port ID	2 x 7-segment LED Display (Yellow)
	Station ID	2 x 7-segment LED Display (Yellow)
	Power	1 (Blue)
	Lock	Num 1 (Green)
		Caps 1 (Green)
		Scroll 1 (Green)
Emulation	Keyboard / Mouse	PS/2, USB
Video		1280 x 1024 @ 75 Hz; DDC2B
Scan Interval (OSD Select)		1–255 sec.
I/P Rating		100–240 VAC, 50/60 Hz, 1 A
Power Consumption		120V, 27.5W / 230V, 28W
Environment	Operating Temp.	0–40° C
	Storage Temp.	-20–60° C
	Humidity	0–80% RH, Noncondensing
Physical Properties	Housing	Metal
	Weight	21.00 kg
	Dimensions (L x W x H)	68.40 x 48.20 x 4.40 cm

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