

# X-keys® XKE-128 KVM Specifications

for XK-1391-UKVM128-R



- 128 programmable keys
- Clear, removable key caps for applying and changing legends
- No software required for operation
- Free software development kits for developers
- Two color addressable backlighting (red and blue)

This version of our X-keys XKE-128 is configured to work with KVM (Keyboard Video Mouse) switches to control multiple computers from a single work station. Our free Windows based programming utility makes it easy to assign keystrokes, key combinations, and strings (with or without modifiers) to clearly labeled, dedicated keys. The X-keys emulates a standard USB keyboard and eliminates issues with most KVM input limitations. Free software development kits support all input and output data. Our SDK includes examples for C#, C++, and VB.NET and a separate SDK for Linux. Unique unit ID supports multiple units on the same system.

## Specifications

<b>Operating System</b>	Use: Any OS via USB HID   Programming: Windows XP through 10, Mac OS X 10.4 through 10.10
<b>Free Programming Software</b>	MacroWorks 3.1   Mac: ControllerMate for X-keys
<b>Emulation Modes</b>	HID keyboard, HID mouse, HID game controller
<b>Switch Type</b>	Full-travel rubber dome, carbon on gold contacts, guaranteed for over 1 million operations
<b>Number of Keys</b>	128 single keys + programming button
<b>Actuation Force</b>	Approx. 2.5 oz (72g) break-over, approx. 1.5 oz (42g) hold
<b>Key Cap Type</b>	Relegendable with Cherry MX compatible stem
<b>Key Cap Size</b>	.625" (16mm) sq.
<b>Key Spacing</b>	0.75" O.C.
<b>Optional Keys</b>	2x1, 1x2, and 2x2
<b>Backlighting</b>	128 blue and 128 red LEDs, individually addressable
<b>Connector</b>	Wired USB 2.0 standard "A" plug
<b>Cord Length</b>	56" (1.42 m)
<b>Dimensions</b>	14" x 7.3" x 1.8" (279mm x 185mm x 46mm)
<b>Weight</b>	62 oz. (1.7 g)
<b>USB type</b>	USB 1.1 (compatible through 3.0)
<b>Power Source</b>	USB port, nominal voltage = 5 VDC
<b>Current Draw</b>	No backlight: 37 mA , Blue backlight full: 176 mA, Red backlight full: 265 mA, All backlights full: 358 mA
<b>Temperature Range</b>	-20 to 60 C
<b>Memory Capacity</b>	Approximately 21,000 keystrokes or commands in onboard memory
<b>Humidity</b>	80% Rh non-condensing
<b>Environmental Rating</b>	IP 40, typical indoor office environment
<b>Certifications</b>	FCC class B, CE, RoHS, WEEE compliant

Specifications subject to change without notice