# Emerson Cybex™ SC800 Secure Desktop KVM Switches

## Outstanding security and control at the desktop

*SC845D*

## Benefits

- **Outstanding Security:**

  - Designed to meet the specifications of NIAP Protection Profile for Peripheral Switching Devices, version 3.0

  - Unidirectional Optical Data Diodes assure USB peripheral isolation enabling data flow from devices to host only

  - Hardware-based peripheral isolation loads all firmware on ROM with no keyboard buffering or memory

  - Full USB device filtering to assure support for keyboard and mouse only

  - Dedicated Peripheral Port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers and face recognition devices

  - Always-on active anti-tampering system

- **Access:** Access multiple computers or networks using a single keyboard, monitor and mouse

- **Advanced Video Support:** Support for DVI-I, HDMI 1.4 and DP1.2 in single and dual head models supporting high resolutions up to UHD 4K

- **Zero Delay Switching:** Mouse and keyboard switching via emulation assures zero delay in switching time between connected sources

## Specifications

| Part Number | SC840 SC845 | SC840D SC845D | SC840H SC845H |
|---|---|---|---|
| System Connections | 4 | 4 | 4 |
| Dedicated Peripheral Port | 1 (SC845) | 1 (SC845D) | 1 (SC845H) |
| Display Connections | 1 | 1 | 1 |
| Display Support | DVI-I, single-link/dual-link | DP 1.2 | HDMI 1.4 |
| Max Resolution | **UHD 4K -** 3840X2160 @ 30 Hz (via DVI to HDMI cable) **DVI dual-link -** 2560X1600 @ 60 Hz (via DVI cable) | Supporting UHD 4K resolutions up to 3840x2160 @ 30 Hz | Supporting UHD 4K resolutions up to 3840x2160 |

| SECURITY FEATURES | |
|---|---|
| Console Peripherals | USB Type-A |
| Computer Peripherals | USB Type-B |
| Audio Input/Output | 2 x 3.5mm stereo female |
| **MECHANICAL** | |
| Enclosure | Steel with Plastic Front Panel |
| Dimensions WxDxH | 342 x 125 x 42 mm 13.7 x 5 x 1.7 inches |
| Weight | 1.6 kg (3.2 lbs) |
| **POWER** | |
| Power Requirements | 35W Max Internal |
| AC Input Voltage | 100 to 240V AC |
| **ENVIRONMENTAL** | |
| Operating Temperature | 32° to 104° F; 0° to 40° C |
| Storage Temperature | -4° to 140° F; -20° to 60° C |
| Humidity | 0-80% RH, non-condensing |
| Certifications | CE, RCM, FCC class B, VCCI, TUV US, TUV Canada |
| Warranty | 3 years |

## Ordering Details

EMERSON CYBEX™ DESKTOP KVM CABLES

| PART NUMBER | MODEL | DETAILS |
|---|---|---|
| CBL0094 | SC840 | USB keyboard, mouse & DVI-I video cable with speakers - 6 ft. |
| CBL0095 | SC840 | USB keyboard, mouse & DVI-I video cable with speakers - 10 ft. |
| CBL0096 | SC845 | USB keyboard, mouse & DVI-I video cable with speakers & CAC - 6 ft. |
| CBL0097 | SC845 | USB keyboard, mouse & DVI-I video cable with speakers & CAC - 10 ft. |
| CBL0102 | SC840D | USB keyboard, mouse & DisplayPort video cable with speakers - 6 ft. |
| CBL0104 | SC845D | USB keyboard, mouse & DisplayPort video cable with speakers & CAC - 6 ft. |
| CBL0110 | SC840H | USB keyboard, mouse & HDMI video cable with speakers - 6 ft. |
| CBL0111 | SC840H | USB keyboard, mouse & HDMI video cable with speakers - 10 ft. |
| CBL0112 | SC845H | USB keyboard, mouse & HDMI video cable with speakers & CAC - 6 ft. |
| CBL0113 | SC845H | USB keyboard, mouse & HDMI video cable with speakers & CAC - 10 ft. |

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# Emerson Cybex™ SC900 Secure Desktop KVM Switches

## Outstanding security and control at the desktop

*SC940D*

## Benefits

- **Outstanding Security:**

  - Designed to meet the specifications of NIAP Protection Profile for Peripheral Switching Devices, version 3.0

  - Unidirectional Optical Data  Diodes assure USB peripheral isolation enabling data flow from devices to host only

  - Hardware-based peripheral isolation loads all firmware on ROM with no keyboard buffering or memory

  - Full USB device filtering to assure support for keyboard and mouse only

  - Dedicated Peripheral Port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers and face recognition devices

  - Always-on active anti-tampering system

- **Access:** Access multiple computers or networks using a single keyboard, monitor and mouse

- **Advanced Video Support:** Support for DVI-I, HDMI 1.4 and DP1.2 in single and dual head models supporting high resolutions up to UHD 4K

- **Zero Delay Switching:** Mouse and keyboard switching via emulation assures zero delay in switching time between connected sources

## Specifications

| Part Number | SC940 SC945 | SC940D SC945D | SC940H SC945H |
|---|---|---|---|
| System Connections | 4 | 4 | 4 |
| Dedicated Peripheral Port | 1 (SC945) | 1 (SC945D) | 1 (SC945H) |
| Display Connections | 2 | 2 | 2 |
| Display Support | DVI-I, single-link/dual-link | DP 1.2 | HDMI 1.4 |
| Max Resolution | **UHD 4K -** 3840X2160 @ 30 Hz (via DVI to HDMI cable) **DVI dual-link -** 2560X1600 @ 60 Hz (via DVI cable) | Supporting UHD 4K resolutions up to 3840x2160 @ 30 Hz | Supporting UHD 4K resolutions up to 3840x2160 @ 30 Hz |
| **SECURITY FEATURES** | | | |
| Console Peripherals | USB Type-A | | |
| Computer Peripherals | USB Type-B | | |
| Audio Input/Output | 2 x 3.5mm stereo female | | |
| **MECHANICAL** | | | |
| Enclosure | Steel with Plastic Front Panel | | |
| Dimensions WxDxH | 342 x 125 x 56 mm 13.7 x 5 x 2.2 inches | | |
| Weight | 1.85 kg /(3.7 lbs) | | |
| **POWER** | | | |
| Power Requirements | 35W Max Internal | | |
| AC Input Voltage | 100 to 240V AC | | |
| **ENVIRONMENTAL** | | | |
| Operating Temperature | 32° to 104° F; 0° to 40° C | | |
| Storage Temperature | -4° to 140° F; -20° to 60° C | | |
| Humidity | 0-80% RH, non-condensing | | |
| Certifications | CE, RCM, FCC class B, VCCI, TUV US, TUV Canada | | |
| Warranty | 3 years | | |

## Ordering Details
### EMERSON CYBEX™ DESKTOP KVM CABLES

| PART NUMBER | MODEL | DETAILS |
|---|---|---|
| CBL0098 | SC940 | USB keyboard, mouse & dual head DVI-I video cable with speakers - 6 ft. |
| CBL0099 | SC940 | USB keyboard, mouse & dual head DVI-I video cable with speakers - 10 ft. |
| CBL0100 | SC945 | USB keyboard, mouse & dual head DVI-I video cable with speakers & CAC - 6 ft. |
| CBL0101 | SC945 | USB keyboard, mouse & dual head DVI-I video cable with speakers & CAC - 10 ft. |
| CBL0106 | SC940D | USB keyboard, mouse & dual head DisplayPort video cable with speakers - 6 ft. |
| CBL0108 | SC945D | USB keyboard, mouse & dual head DisplayPort video cable with speakers & CAC - 6 ft. |
| CBL0114 | SC940H | USB keyboard, mouse & dual head HDMI video cable with speakers - 6 ft. |
| CBL0115 | SC940H | USB keyboard, mouse & dual head HDMI video cable with speakers - 10 ft. |
| CBL0116 | SC945H | USB keyboard, mouse & dual head HDMI video cable with speakers & CAC - 6 ft. |
| CBL0117 | SC945H | USB keyboard, mouse & dual head HDMI video cable with speakers & CAC - 10 ft. |

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4K ULTRAHD

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