

CCXR-17

Side Access
Rackmount Keyboard

RUGGED MILITARY GRADE

SYSTEMS ENGINEERED TO PERFORM®



The CCXR-17 SlideWays is a military grade high performance 1U clamshell LCD keyboard drawer offering a 17" TFT LCD display. Unique is the side access for use in space limited applications. The CCX family is designed to meet Mil-Std 901D and 810F and includes a solid milled aluminum front panel, lightweight 5052-H32 aluminum construction and locking stainless hardware throughout. The drawer is held closed by two captive thumb screws. Lock out friction slides are included. Friction slides assure the drawer does not randomly slide in and out in the back of a moving vehicle. The CCX is ideal for mounting in a transit case for adverse environments that would destroy lesser displays.

The display is a high quality long life TFT LCD with a maximum resolution of 1280x1024. A bonded anti-reflective (AR) filter with an EMI coating "pops" the displayed image for unparalleled clarity in bright light. Included is a high quality 97 or 113 key Nema 4 / IP65 rated keyboard with integrated Touch Pad or Hula Point pointing device and. Video inputs of analog VGA and DVI-D are standard.

A 4-port KVM switch is available with VGA video and USB and PS/2 keyboard/mouse inputs.

As with all Chassis Plans products, a wide variety of custom options are available including paint color, customer logo, and display options.

ENCLOSURE

- 1U (1.75") x 24.3" deep (w/o arm)
- Unique Side Access for constrained spaces
- Rugged 5052-H32 aluminum construction with milled solid aluminum front panel
- Designed to meet MIL-STD 901D and 810F for extreme environmental conditions
- Compact enclosure for limited depth installation
- Rugged thumbscrews to lock in rack
- Includes rugged friction slides and cable management arm

DISPLAY

- 17" Active Matrix SXGA TFT LCD
- 1280 x 1024 Native Resolution
- Bonded anti-reflective contrast enhancement glass overlay with ITO EMI coating
- Quarter-turn fastener to hold display closed

VIDEO CONTROLLER

- Genesis chipset for VGA and DVI-D
- OSD (On Screen Display) for Monitor Setup and Control

KEYBOARD

- 97- or 113-Key low profile NEMA 4 / IP65 sealed
- Built-in Touch Pad or Hula Point
- Touch Pad version is backlit
- Spill Proof (Spilled Coffee / Coke Proof)

KVM

- Optional 4-port VGA KVM w/ USB and PS/2 keyboard interface

OPTIONAL FEATURES / OPTIONS

- Enhanced Backlighting
- Protective Glare Filters
- Customer Specified Paint Color
- Customer Logo

ENCLOSURE

1U x 19" (wide) x 24.3" (deep) (w/o arm)
 High strength 5052-H32 aluminum construction
 Solid milled front panel
 Includes Cable Management Arm (27.0" deep)
 Fits 24"-36" Rack
 Weight: 35lbs (w/o KVM)
 38lbs (w/ KVM)
 Color: Powder coated black, light texture
 (Custom colors and logos available)

DISPLAY ENHANCEMENTS

Size 17"
 Resolution 1280x1024
 Contrast Ratio 1300:1
 Brightness 380 cd/m²
 Pixel Pitch .264x.294mm
 Viewing Angle 89° L/R/U/D
 Response Time 8mS GTD
 Operating Temp 0-50 Deg C

1.1mm soda lime glass with ITO conductive EMI coating (<13.5 ohms/sq in) bonded to LCD
 1.1mm soda lime glass w/ anti-reflective coating bonded to ITO EMI filter
 3mm thick bonded copper bus bar around entire periphery of the display

KEYBOARD

Sealed silicone rubber keyboard
 97-keys (Touch Pad) or 113 Keys (Hula Point)
 12 (Touch Point) or 20 (Hula Point) function keys
 Integrated numeric pad
 High quality carbon-on-gold contacts
 Protection to NEMA 4 / IP65 dust & splash proof (spilled Coke & coffee proof!)
 PS/2 or USB Connection
 Tactile Keystroke
 10,000,000 lifecycles per switch

Built-in sealed Touch Pad or Hula Point 'mouse' devices
 USB interface only on Touch Pad version
 USB or PS/2 interface on Hula Point version



Hula Pointer Keyboard

Power Supply Options

AC Input

100 to 260VAC, auto selecting
 47-66Hz

12VDC Input Transient Filter

Line transient protection for 12VDC vehicular applications 12 to 26VDC input

Mil-Std-1275A / 704 DC/DC Converter

True 1275/704 compliance for military 28VDC nominal vehicle inputs

48VDC DC/DC Converter

36 to 75VDC Input
 Isolated Inputs for +/- input levels

See the appropriate power supply section in the manual for complete power supply specifications.

KVM Options

Ports: 4
 Inputs: VGA, USB & PS/2 keyboard/mouse

LCD Video Controller

Inputs:
 Analog RGB: 60Hz at SXGA, WXGA, XGA, SVGA, VGA
 With auto detect of Digital Separate Sync, Sync-On-Green & Composite Sync. Auto detects VGA ~ SXGA interlaced & noninterlaced.
 DVI-D: 60Hz at SXGA, WXGA, XGA, SVGA, VGA
 Image Scaling: Up / down scaling to fit input to panel resolution.
 Image Control: Brightness, Contrast, Saturation, Hue, Frequency, Phase, Color Temperature, Image position, Hue, Gamma.
 Other Features: Auto picture setup, Auto RGB calibration, Auto source seek, OSD timeout, OSD position, Input source select, OSD menu lock, Direct key for brightness level adjustment.



Touch Pad Keyboard

