

RD1U-CAT24

1U KVM Rack Drawer

DITHD

Display Integration Technologies

.com

THE WORLDS MOST CONFIGURABLE MONITORS



The RD1U-CAT24xx is a low profile 19" 1U, KVM Rack Drawer, Clamshell Design. It is our Most Configurable of all our KVM Rack Drawers. It comes with your choice of LCD Monitor Sizes, keyboard and pointer option, front face handles and latches, KVM Switch, and AD controller card. Other options include high bright panel, optical bonding lens, Resistive or PCAP Touch and CAC Card Reader.

Features:

- MIL-STD 810F/G Complaint
- VGA + HDMI + DP on Standard Back
- 1U Rackmount Monitors to Choose
 - 173W: 17.3" 1920 x1080 Resolution
 - 19LH: 19" 1280x1024 Resolution
- Wide Operating Temperature
 - 173W: -0°C to +70°C
 - 19LH: -30°C to +85°C
- CAC Card Reader available on Most Keyboards
- Locking Thumbscrew Front Face With Collapsible Handle

Options:

- High Bright and Optical Bonded LCD
- Resistive or PCAP Touch
- Multiple Industrial Grade Controller Options
- Multiple Keyboard and Mouse/Pointer Options
- Multiple KVM Switch options to choose from
- DC 12V/24V/125V DC Power Input
- Multiple Power Inlet Connectors to chose from



CAC Card Reader Options
Available on Most Keyboards

RD1U-CAT24173W Shown



RD1U-CAT2419LH Shown



Comes Standard

- MIL Grade C300 Friction Slides Rails
- Integrated Cable Management System
- Telescoping Rear Arms For Easy Rack and Transit Case Installation
- MIL STD 810G Complaint

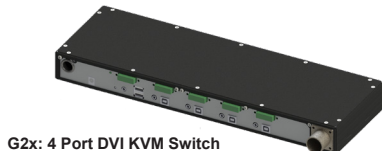
Popular KVM Switch Options



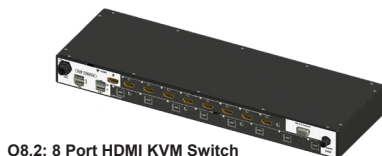
D1: 4Port Display Port KVM Switch



E2u: 8 Port VGA KVM Switch



G2x: 4 Port DVI KVM Switch



O8.2: 8 Port HDMI KVM Switch



IPx: 8, 16, 32 Port RJ45 KVM Switch
DVI, VGA, HDMI, and Display Port Supported

*Other Back Housing Configurations to Choose from or have us make a custom one for you.

Video Controllers

V33x Rugged FHD Controller

- Max Resolution 1920x1200 60hz
- Input Options Available: HDMI x1, VGAx1, Display Port x1
- Designed to Meet Shock and Vibe Requirements
- Command and Controls: Consolidated OSD Buttons on Front

V35x Rugged Embedded Controller

- For Use with Integrated KVM Switch Options
- Max Resolution 1920x1200 60hz
- Input Options Available: VGAx1, Display Port x1 (HDMI, DVI-D, or 3G-SDI pick only 1)
- Designed to Meet Shock and Vibe Requirements
- Command and Controls: Consolidated OSD Buttons on Front
- Optional 3G-SDI Interface can be Integrated

*Other Controller Cards Available with Multiple Options

Popular LCD Options

19LH SXGA 1280x1024 (Max Res)

19" LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 85/85/80/80
- Contrast Ratio: 1000:1
- Brightness: 350 NITS
- Response Time: 10ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M), NTSC 70%
- Operating Temp: -30°C to 85°C
- Storage Temp: -30°C to 80°C



19HB SXGA 1280x1024 (Max Res)

19" LED Backlit LCD w/ Anti-Glare

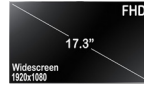
- Viewing Angles: 85/85/80/80
- Contrast Ratio: 1000:1
- Brightness: 1600 NITS
- Response Time: 10ms
- Surface Finish: AG, 3H
- Color: 8 Bit (16.7M), NTSC 70%
- Operating Temp: -30°C to 70°C
- Storage Temp: -30°C to 70°C



173W FHD 1920x1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 80/80/60/80
- Contrast Ratio: 600:1
- Brightness: 400 NITS
- Response Time: 40ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M)
- Operating Temp: 0°C to 70°C
- Storage Temp: -20°C to 70°C



173HB FHD 1920x1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 80/80/60/80
- Contrast Ratio: 600:1
- Brightness: 1000 NITS
- Response Time: 40ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M)
- Operating Temp: 0°C to 70°C
- Storage Temp: -20°C to 70°C



Coming Soon !

173U UHD 3840 x 2160 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 89/89/89/89
- Contrast Ratio: 1000:1
- Brightness: 400 NITS
- Response Time: 27ms
- Surface Finish: AG
- Color: 8bit (16.7M), 100% ADOBE RGB
- Operating Temp: 0°C to 50°C
- Storage Temp: -20°C to 60°C



*Other Panels and lens Enhancement Available

Popular Keyboard Options



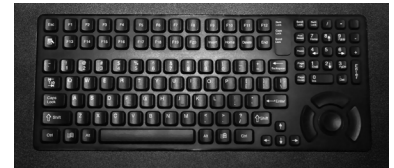
- Qx: iKey 97-Key NEMA 4 Keyboard (USB or 2xPS2)
- Integrated 2 Button Touch-pad and 10-Key Number Pad
- Industrial silicone rubber Continuous Use: 10 million cycles
- Storage: -40°C to +90°C, Operating: -40°C to +70°C
- Optional Red Back-light version (QB)



- A2x: Cherry 89-Key Keyboard (USB or 2x PS2)
- Integrated 2 Button Optical Trackball
- Gold Crosspoint Contacts, Cherry ML Technology
- Continuous Use, 20 million cycles
- Storage: -40°C to +90°C, Operating: 0°C to +40°C
- MTBF 8.6 Million Hours



- I2u: TG3 82-Key Keyboard (USB or 2x PS2)
- Integrated 2 Button Glide Pad
- Rubber Membrane Blanket Technology
- Continuous Use, 5 million cycles
- Storage: -40°C to +60°C, Operating: 0°C to +50°C



- Hx: iKey113-key NEMA 4X keyboard (USB or 2x PS2)
- Integrated 3 Button Pointer with Force Sensing Resistor
- Industrial silicone rubber Continuous Use, 10 million cycles
- Storage: -40°C to +70°C, Operating: 20°C to +60°C



- Mx: Devlin 119-key keyboard (USB or 2x PS2)
- Soft feel Tactile ML Switch, Switch Life 50 Million Operations
- Integrated 3 Button Touchpad
- Windows, MAC, SUN and Lynx Operating Systems
- Storage: -40°C to +70°C, Operating: 20°C to +60°C

*Other Keyboards Available

SPECIFICATIONS

- Dimensions: 19"W x 1.75"H x 24"D
- Weight: ~ 30 LBs (RD1U-CAT2419LH)
- Power Consumption: Less than 45W

Values are approximate and vary based on configuration



Series	Open	Depth	Display Type	Project No	Rev
RD1U - CAT	24	173W	.XXXX	.xx	
Rack Drawer 1U	Clamshell Aluminum Transit	24"	173W, 173HB, 19LH, 19HB	We assigned your project a unique Project Number	We give your project a Revision Number

► Custom Options Available On All DITHD Models



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