HYDRA
MULTI-HEAD RACK MOUNT DISPLAYS

DITHD
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SERIES

RDxU-Fxx173x

The RDxU-Fxx173x is a rugged 3U or 4U, 20” or 24” depth HYDRA Multi-Head Rack or Transit case platform which can support two, three, or four 17.3” LCD Panels (depending on your configuration). It offers multiple keyboard and pointing device’s to choose from, touch screens, panel enhancement and KVM switches options. This platform allows for a higher degree of customization by providing more room for custom electronics. It comes standard with gas shock stabilizers, telescoping rear arms, and MIL Standard C300 friction slides. Its rugged modular design makes the RD4U perfect for mobile or transit case applications.

RD4U-F20173Wx4 Shown

Shown With V33x Controller

Font View Closed

RDxU

HYDRA

TAA COMPLIANT

MADE IN U.S.A.

FEATURES

- (A) LED Backlit LCDs
- (B) Integrated Keyboard and Pointing Devices
- (C) Optional High Bright Panels and Optical Bonding
- (D) Optional PCAP Touch on Center Screen
- (E) Telescoping Rear Arms
- (F) Rugged Aluminum welded Construction
- (G) Multiple Controller and KVM Back Options
- (H) Avalible in 20" and 24" Chassis Depths

WHY CHOOSE THE RD4U?

- **Rugged All Aluminum Construction**
- **Multiple Screen Layout to choose**
- **Customizable Modular Design**
- **Optional High Bright Panel**
- **Optional Optically Bonded Lens**
- **PCAP Touch Options Available**
- **Multiple Keyboard and Pointing device options**
- **Multi Stream Trasport Hub Avalible**

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 Button on Front

V36x High End 4K Controller

- Max Resolution 4096x2160 60hz
- Input Options Available: HDMI 2.0 x2, Display Port 1.2.
- Optional 12G-SDI Controller
- Command and Controls: RS232, OSD Button

***Other Controller Cards Available with Multiple Options**

LCD OPTIONS

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: Anti Reflective Glass Lens
- 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: Anti Reflective Glass Lens
- Color: 6-bit+HiFRC (16.7M)
- Operating Temp: 0°C to 70°C
- Storage Temp: -20°C to 70°C

Coming Soon !

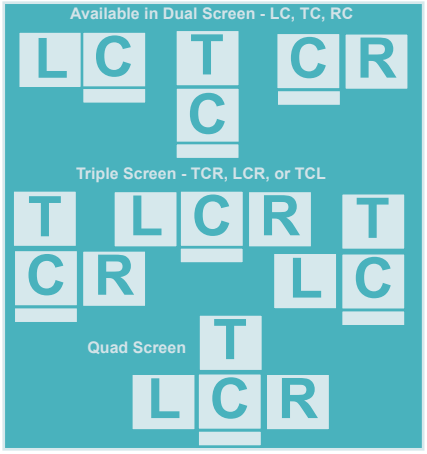
173U UHD 3840 x 2160 (Max Res)

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: Anti Reflective Glass Lens with Options
- 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**

Screen Layout Choices



- **V2U:** 103 Key Keyboard (PS2/USB) w/ Logic Tech Wireless Mouse

- **QN: 97 Key** NEMA 4 Keyboard w/ 2 Button Touch-pad (PS2/USB)
- Optional Red Backlight version (QB)

***Multiple Keyboard and Pointing Options Available**

Rack Units	Depth	Display Type	Screen Qty	Project No	Rev
RD4U	F20	173W	x4	.XXXX	.xx
RD3U, RD4U	F20, F24	173W, 173HB, 173U	x2, x3 x4	We assigned your project a unique number	We give your project a revision number

Custom Options Available On All DITHD Models

SPECIFICATIONS

- **Dimensions: Varies By Configuration**
- **Weight: ~ 50LBs** (RD4U-F20173Wx4)
- **Power Consumption: Less than 120W**

Values are approximate and vary based on configuration

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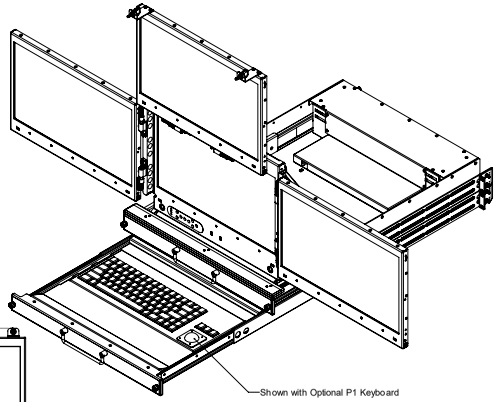
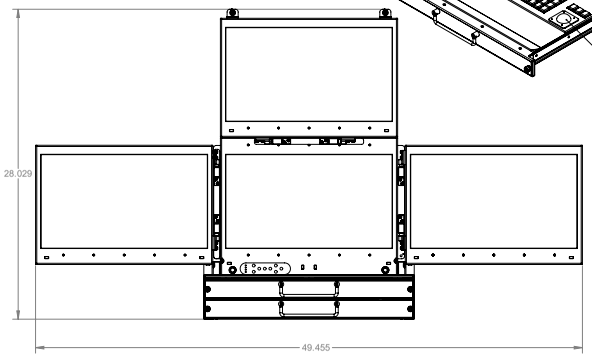
SINCE 1997 AS9120 QUALITY INTEGRITY

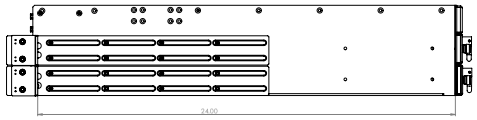
Mechanical Drawings

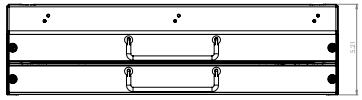
Samples of some of the Custom Projects we have done for our customers

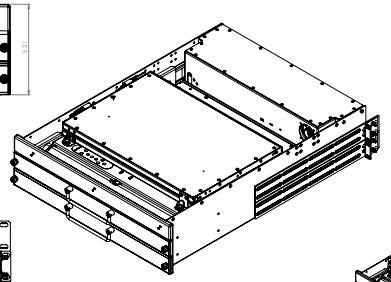
Mechanical drawings and 3D Solid Models are available upon request. Contact your sales representative for details.

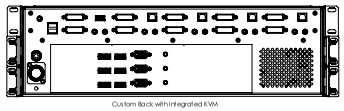


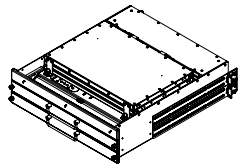


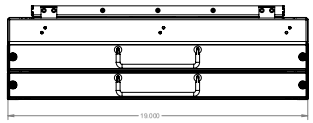


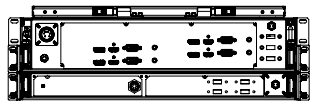


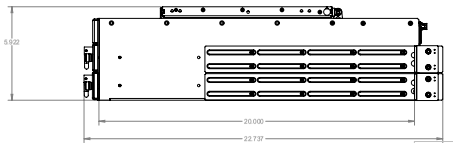


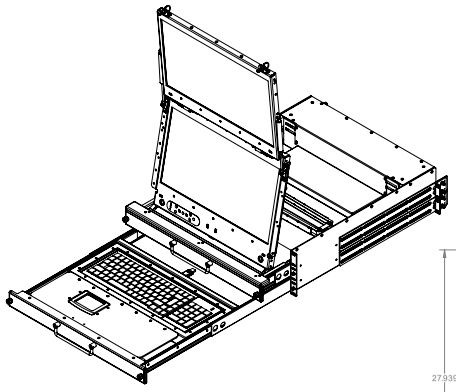


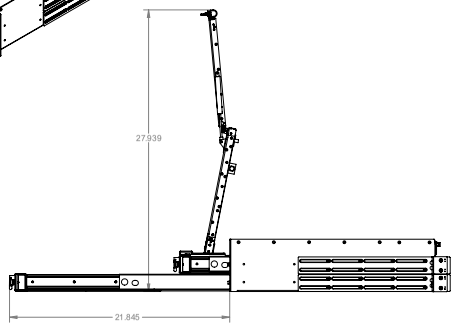




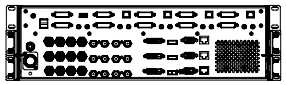


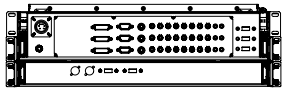


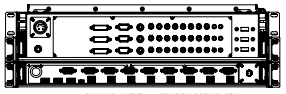


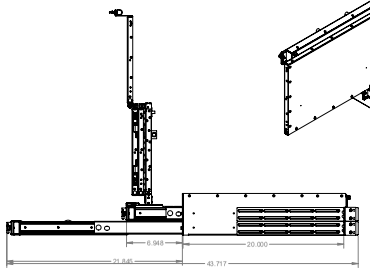


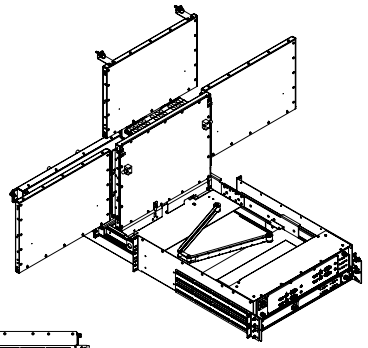
Cutom IO Back Configurations











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