

# TETRA *RMDDU*<sup>®</sup>

## RACK MOUNT DUAL DISPLAY UNIT

- Two 17" WUXGA Screens
- 1920 x 1200 Per Screen
- 3840 x 1200 Pixel Width
- Rugged All Metal Case
- 2U Rack Mount, 26" Deep
- Independent Controllers
- Analog VGA or DVI Input
- RS170, RGB & Component
- Integral Keyboard & Pointe



### ■ TETRA *RMDDU*<sup>®</sup>

The Tetra RMDDU offers the highest resolution of any rack mounted display system.

It employs two WUXGA 16:10 format 1920x1200 LCD displays in a 2U rack mount package 26" deep. The displays fold together and close into the drawer for slide in storage.

Two independent video controllers provide universal inputs of: analog VGA, DVI, RS170 video, NTSC, PAL/SECAM (Interlaced), Composite Video, S-video, RGB Video, SD & HD Component Video (YCrCb). Independent front panel OSD are provided along with USB feed-through connections.

# TETRA *RMDDU*®

## ■ Specification

DISPLAY DESCRIPTION	2 Independent 17.0" TFT LCD, WUXGA (1920 x 1200)
DISPLAY CONFIGURATION	Butterfly design allows 180 rotation to fold and stow display panels. Center hinge allows adjustment of angle between the two display panels. Locking center pin retains displays in mounting channel when deployed.
BRIGHTNESS (CD/M <sup>2</sup> )	400 Nits (5 points average)
ASPECT RATIO	16:10
VIEW ANGLE (H/V)	140 / 120
CONTRAST RATIO	600:1
RESPONSE TIME AT 25°C	8 ms

## ■ Functionality

COLORS	Up to 8 bit per color, ie 262,000 colors.
FUNCTIONS	On Screen Display (OSD) menu.
FUNCTION CONTROLS	External buttons, Infra-Red controls, Serial Port control.
IMAGE SCALING	Up/Down scaling to fit input topanel format.
IMAGE CONTROL	Auto configuration, Brightness, Contrast, Clock, Phase, Color temperature, Image position, Saturation, Hue, Gamma.
OTHER FEATURES	System Information, OSD position, Scaling to fillscreen and fill to aspect ratio, OSD timeout, Factory reset, OSD menu transparency, Horizontal & Vertical image inversion, Picture in Picture - variable position, any input combination (3 sizes), Programmable hot keys.
PLUG & PLAY	DDC 1,2/b compatible

## ■ RMDDU inputs (2 Independent Inputs)

ANALOG RGB	60HZ at WUXGA. 75Hz at SXGA, WXGA, XGA, SVGA, VGA. With auto detect of Digital Separate Sync, Sync-On-Green & Composite Sync. Auto detects VGA-UXGA, interlaced & non-interlaced.
DVI-D INPUT	60Hz at WUXGA, 60Hz at UXGA, 75Hz at SXGA, WXGA, XGA, SVGA, VGA
VIDEO	NTSC, PAL/SECAM (Interlaced), Composite Video, S-video, RGB Video, SD & HD Component Video (YCrCb)

## ■ Power input

AC	110 VAC 50-60Hz 75 W
----	----------------------

## ■ Options & Accessories

OPTIONAL CONTROLS	Infra-Red controls, Serial Port control.
-------------------	--

## ■ RMDDU keyboard

CHASSIS CONSTRUCTION	Hard-casefolded stress-relieved welded aluminium, alodined and coated for corrosion protection
DIMENSIONS	17.5" (W) x 1.75" (H) x 23" (D)
WEIGHT	10 lb.
INTERFACE	PS/2 or USB
LAYOUT	88/89 Keys have the functionality of a 104/105 rack mount keyboard Embedded numeric keypad and 12 dedicated function keys
TOTAL TRAVEL (mm)	3.0 +/- 0.3
TRAVEL TO PEAK (mm)	1.0 +/- 0.2
PEAK FORCE (gm)	50 +/- 10
SWITCH LIFE	5 MILLION LIFE CYCLES
VOLTAGE/CURRENT	PS/2: +5VDC +/- 5% @ 300mA +5VDC +/- 5% @ 100mA

Environmental		
	Operating	Storage
Temperature MIL-STD-810E (501.4, 502.4)	0°C to +50°C -20°C to +50°C with pre-heater	-25°C to +70°C
Humidity MIL-STD-810E (507.2)	20 to 90% without condensing	20 to 90% without condensing
Altitude	15,000ft (4570m)	
Vibration	10 to 500Hz 1.04g (RMS)	
Shocks	15G 8ms 1/2 sine	40G 8ms 1/2 sine
Drop		4 inches 39" in shipping carton



Feel free to contact us for further informations or connect to the website [www.tetra-computer.com](http://www.tetra-computer.com)

\* Specifications are subject to change without prior notifications