



Key Benefits

- ▶ 2U 22" short depth design
- ▶ Light weight only 46 lbs / 21 kgs
- ▶ Rugged construction for mobility & durability
- ▶ Built-in solid bearing slide rails
- ▶ Built-in dual stereo speaker (per display)
- ▶ Four LED backlit display selections (4K, FHD, WUXGA, 4:3)
- ▶ DVI-D + VGA video input for FHD, WUXGA & 4:3 (per display)
- ▶ Display port 1.2 video input for 4K (per display)
- ▶ Fits 24" ~ 36" rack via adjustable mounting brackets
- ▶ 2-year standard warranty (upgradable up to 5 years)

Options

- DC power : 24V / 48V / 125V / 250V
- 3G / HD / SD-SDI Broadcast-grade input
- Sunlight readable 17" FHD display
- Touchscreen : Projected Capacitive (10-pt) / Resistive (1-pt)

The MRP 2U dual or triple display drawer is designed for Command and Control Systems which demand quick deployment for multi-faceted displays.

2U 22" depth platform allows for small size and transit case portability. To ensure chassis ruggedness, mobility and quality, as well as being suitable for harsh environment applications, the MRK drawer is meticulously constructed by our team of experts in our own CNC facilities for such applications.

The key benefit of the MRP series is the choice of different resolution panels available, including 4K 17", FHD 17", WUXGA 17" and 19" 4:3 LED backlit displays. Sunlight Readable FHD 17" LCD is also available. 4K 17" displays satisfy the increasing demand for superior graphics and image clarity.

Models



LH mounted



RH mounted

4K 17" Display

3840 x 2160 native resolution / Display port 1.2 video input
1920 x 1080 & 1920 x 1200 resolution support

MRP-K17-3 : Triple display drawer

MRP-K17-2L : Dual display drawer (Left hinged mount)

MRP-K17-2R : Dual display drawer (Right hinged mount)

1920 x 1200 WUXGA 17" Display

1920 x 1200 native resolution / DVI-D + VGA video input

MRP-X17-3 : Triple display drawer

MRP-X17-2L : Dual display drawer (Left hinged mount)

MRP-X17-2R : Dual display drawer (Right hinged mount)

1080p Full HD FHD 17" Display

1920 x 1080 native resolution / DVI-D + VGA video input

MRP-F17-3 : Triple display drawer

MRP-F17-2L : Dual display drawer (Left hinged mount)

MRP-F17-2R : Dual display drawer (Right hinged mount)

19" 4:3 Display

1280 x 1024 native resolution / DVI-D + VGA video input

MRP-19-3 : Triple display drawer

MRP-19-2L : Dual display drawer (Left hinged mount)

MRP-19-2R : Dual display drawer (Right hinged mount)

Product Specifications

LCD Panel	MRP-K17	MRP-F17	MRP-X17	MRP-19
Native resolution	3840 x 2160	1920 x 1080	1920 x 1200	1280 x 1024
Panel size (diagonal)	17.3"	17.3"	17.1"	19"
Brightness (cd/m ²)	400	400	210	250
Contrast ratio (typ.)	1000 : 1	600 : 1	600 : 1	1000 : 1
Colors	16.7 M, 8-bit	16.7 M, 8-bit	16.7 M, 8-bit	16.7 M
Viewing angle (L/R/U/D)	89/89/89/89	80/80/60/80	65/65/55/55	85/85/80/80
Response time (ms)	Max. 30	40	30	5
Dot pitch (mm)	0.0995	0.1989	0.191	0.294
Display area (mm)	382.12H x 214.94V	381.888H x 214.812V	367.20H x 229.50V	337.92H x 270.33V
Surface treatment	Anti-glare	Anti-glare, Hard-coating	Anti-glare, Hard-coating	Haze 25%, Hard-coating
Surface hardness	3H	3H	3H	3H
Backlight type	LED	LED	LED	LED
MTBF (hrs)	20,000	50,000	20,000	30,000

Video Connectivity				
Digital	Display port	DP 1.2 / HDCP 1.3	-	-
	HDMI	HDMI 1.4 / HDCP 1.4 HDMI 2.0 / HDCP 2.2	HDMI 1.3 / HDCP 1.3	HDMI 1.2 / HDCP 1.1
	DVI-D	-	DVI-D, TMDS single link	
Analog	VGA	-	Analog 0.7Vp-p	
Plug & Play	DVI / VGA	-	VESA EDID structure 1.3	
Synchronization	VGA	-	Separate, Composite & SOG	

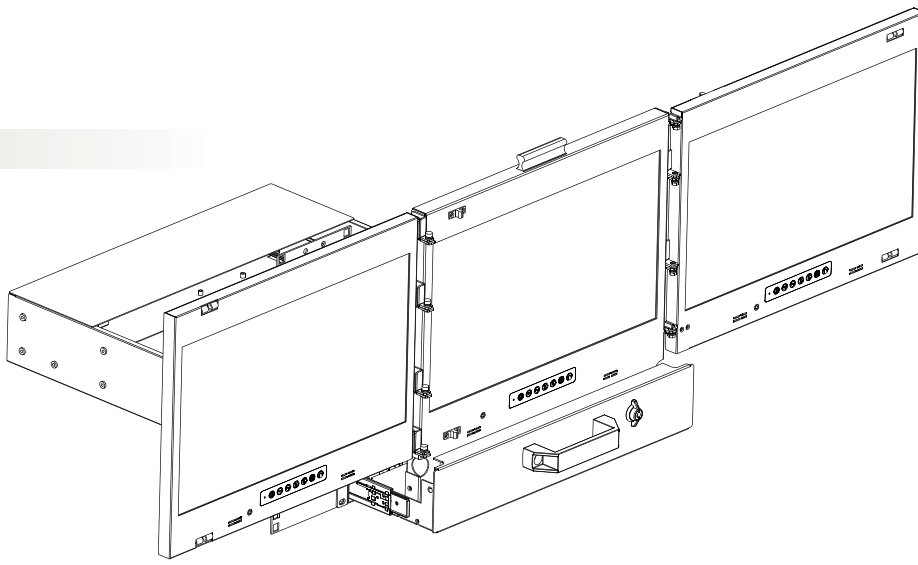
Power					
Input		Auto-sensing 100 to 240VAC, 50 / 60Hz			
Consumption	Screen on	Max. 29W	Max. 25W	Max. 34W	Max. 25W
	Power saving	Max. 9W	Max. 4W	Max. 4W	Max. 4W
	Power button on	Max. 2W	Max. 1W	Max. 1W	Max. 1W

Physical			
Product (W x D x H)		mm	441.6 x 550 x 88
		inch	17.4 x 21.7 x 3.5
Packing (W x D x H)		mm	585 x 620 x 190
		inch	23 x 24.4 x 7.5
Weight	Net	Triple display	24.1 kg / 53 lb
		Dual display	22.1 kg / 48.6 lb
	Gross	Triple display	29.1 kg / 64 lb
		Dual display	27.1 kg / 59.6 lb
Chassis color			Dark
Chassis materials			Steel

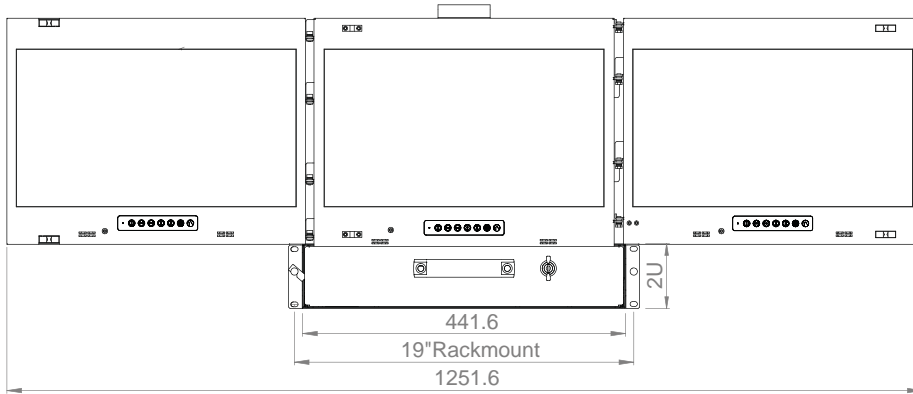
Compliance	
Safety	FCC & CE certified
Environment	RoHS2 & REACH compliant

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20-90%, non-condensing
Storage humidity	5 -90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10-300Hz 0.5G RMS random vibration

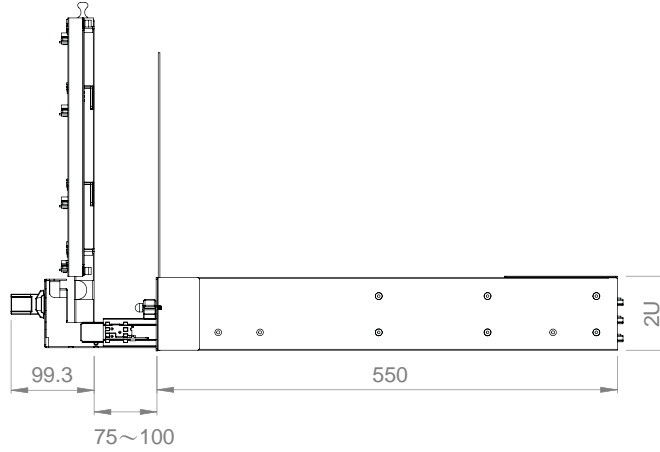
Diagrams (mm)



Front View



Side View



Top View

