

## RM-X3 Multi-display Console Drawer



### Key Benefits

- ▶ 2U 22" short depth design
- ▶ Light weight only 49 lbs / 22 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, 4:3 )
- ▶ DVI-D + VGA video input for FHD & 4:3 ( per display )
- ▶ Display port 1.2 video input for 4K ( per display )
- ▶ 104-key keyboard with either touchpad or trackball ( PS2 / USB )
- ▶ 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
- MAC or SUN Micro keyboard options available
- Touchscreen : Projected Capacitive ( 10-pt ) / Resistive ( 1-pt )
- Front USB hub port for device access

The RM-X3 2U dual or triple display console drawer is designed for Command and Control Systems which demand quick deployment of side by side 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 RM-X3 series is the choice of different resolution panels including 4K 17", FHD 17" and 19" 4:3 LED backlit displays. Sunlight Readable FHD 17" LCD is also available. 4K 17" displays satisfy the increasing demands for higher graphical and text requirements. A solid 104 key keyboard is integrated with either touchpad or trackball.

### Models



#### 4K 17" Display

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

**RM-X3K3** : Triple display console drawer

**RM-X3K2L** : Dual display console drawer ( LH mounted )

**RM-X3K2R** : Dual display console drawer ( RH mounted )

#### 19" 4:3 Display

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

**RM-X3M19** : Triple display console drawer

**RM-X3M19-2L** : Dual display console drawer ( LH mounted )

**RM-X3M19-2R** : Dual display console drawer ( RH mounted )

#### FHD 17" Display

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

**RM-X3F3** : Triple display console drawer

**RM-X3F2L** : Dual display console drawer ( LH mounted )

**RM-X3F2R** : Dual display console drawer ( RH mounted )

## Product Specifications

LCD Panel	RM-X3K17	RM-X3F17	RM-X319
Native resolution	3840 x 2160	1920 x 1080	1280 x 1024
Panel size (diagonal)	17.3"	17.3"	19"
Brightness (cd/m²)	400	400	250
Contrast ratio (typ.)	1000 : 1	600 : 1	1000 : 1
Colors	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	85/85/80/80
Response time (ms)	Max. 30	40	5
Dot pitch (mm)	0.0995	0.1989	0.294
Display area (mm)	382.12H x 214.94V	381.888H x 214.812V	337.92H x 270.33V
Surface treatment	Anti-glare	Anti-glare, Hard-coating	Haze 25%, Hard-coating
Surface hardness	3H	3H	3H
Backlight type	LED	LED	LED
MTBF (hrs)	20,000	50,000	30,000

Video			
Digital	Display port	DP 1.2 / HDCP 1.3	-
	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. 25W
	Power saving	Max. 9W	Max. 4W	Max. 4W
	Power button on	Max. 2W	Max. 1W	Max. 1W

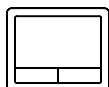
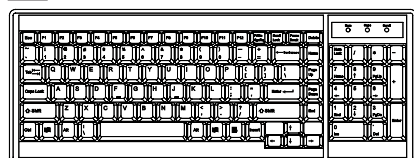
Physical			
Product (W x D x H)		mm	441.6 x 550 x 88
		inch	17.4 x 21.7 x 3.5
Packing (W x D x H)		mm	585 x 620 x 190
		inch	23 x 24.4 x 7.5
Weight	Net	Triple display	25.4 kg / 55.9 lb
		Dual display	23.4 kg / 51.5 lb
	Gross	Triple display	30.4 kg / 66.9 lb
		Dual display	28.4 kg / 62.5 lb
Chassis color			Dark
Chassis materials			Steel

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH compliant

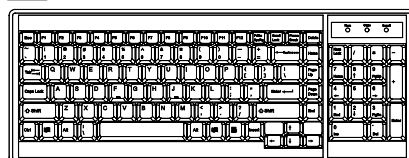
Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	10~300Hz 0.5G RMS random vibration

## Standard Keyboard

**Ge** G keyboard integrated with touchpad







**Gb** G keyboard integrated with trackball



### Supporting layouts

**America**   
United States

**EMEA**  United Kingdom  Germany  France  Spain  Norway  
 Italy  Russia  Switzerland  Netherlands  Portugal

**Asia**  China  Japan  Korea  Arabia  Turkey

## Keyboard Options

\* US layout only

**Me** Mac keyboard with touchpad



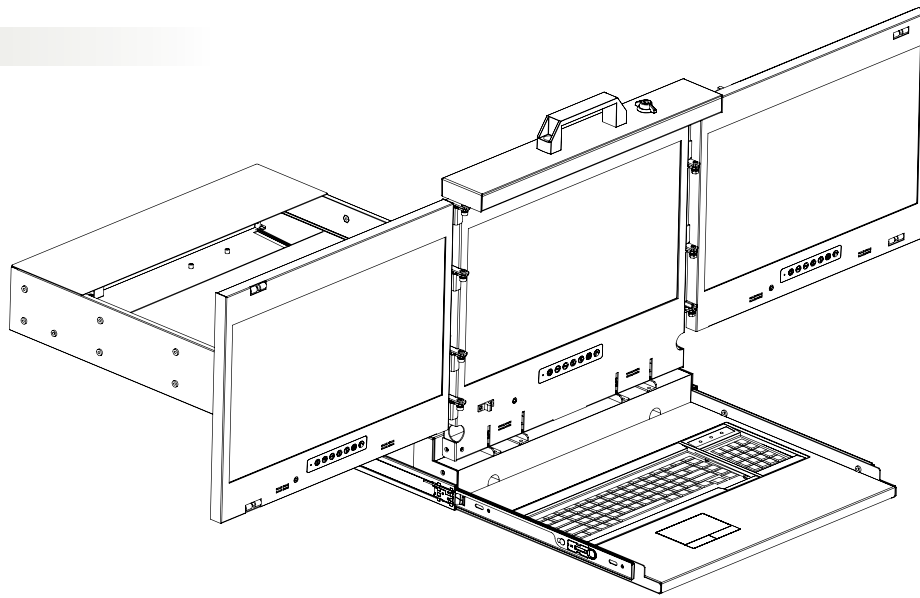
**Mb** Mac keyboard with trackball

**Se** S keyboard with touchpad

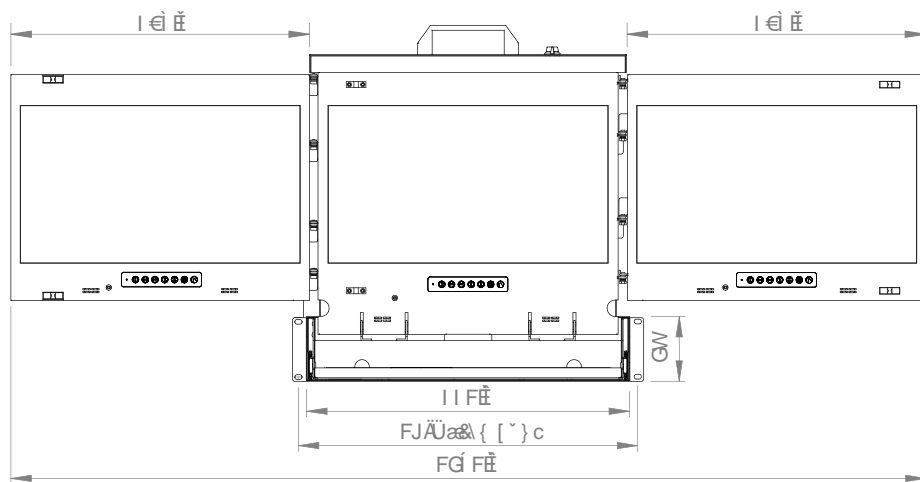
**Sb** S keyboard with trackball



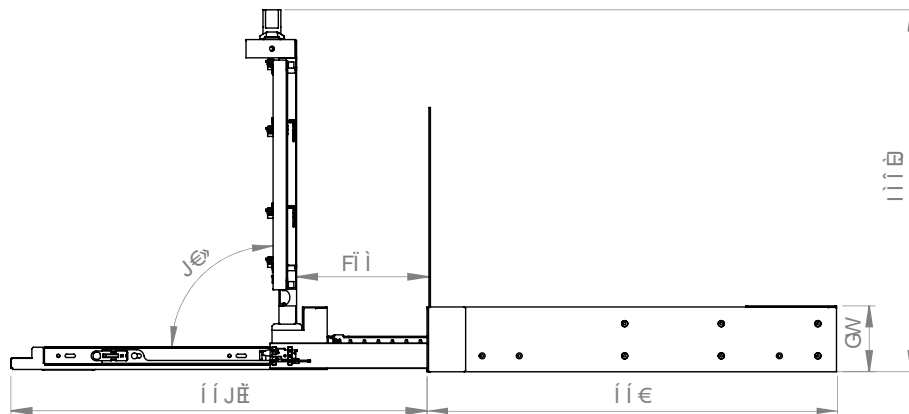
### Diagrams ( mm )



### Front View



### Side View



### Top View

