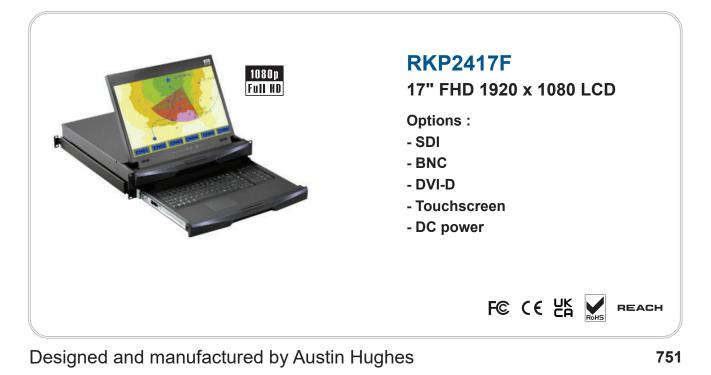


# **User Manual**

## 2U Dual Slide Short Depth LCD Console Drawer



#### Legal Information

First English printing, July 2023

Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

#### Safety Instructions

# Please read all of these instructions carefully before you use the device. Save this manual for future reference.

- Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.
- Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40° Celsius (104° Fahrenheit).
- When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing damage to other equipment or injury to persons nearby.
- When the equipment is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.
- Arrange the equipment's power cord in such a way that others won't trip or fall over it.
- If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.
- Observe all precautions and warnings attached to the equipment.
- If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being damaged by transient over-voltage.
- Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.
- Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invalidate its warranty.
- If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

#### What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
  - Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - $\hfill\square$  Repair or attempted repair by anyone not authorized by us.
  - □ Any damage of the product due to shipment.
  - □ Removal or installation of the product.
  - $\hfill\square$  Causes external to the product, such as electric power fluctuation or failure.
  - $\hfill\square$  Use of supplies or parts not meeting our specifications.
  - $\Box$  Normal wear and tear.
  - $\hfill\square$  Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

#### **Regulatory Notices Federal Communications Commission (FCC)**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-position or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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	Touchscreen : Projected Capacitive(10-point touch) Resistive(1-point touch) Speaker, Display port, DVI-D, BNC

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## **Before Installation**

- It is very important to mount the equipment in a suitable cabinet or on a stable surface.
- Make sure the place has a good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

## Unpacking

The equipment comes with the standard parts shown in package content. Check and make sure they are included and in good condition. If anything is missing, or damaged, contact the supplier immediately.

## How To Clean Your LCD Monitor

## A Caution :

- To avoid the risk of electric shock, make sure your hands are dry before unplugging your monitor from or plugging your monitor into an electrical outlet.
- When you clean your monitor, do not press down on the LCD screen. Pressing down on the screen can scratch or damage your display. Pressure damage is not covered under warranty.
- Use only cleansers made specifically for cleaning monitors and monitor screens. Cleansers not made to clean monitors and monitor screens can scratch the LCD display or strip off the finish.
- Do not spray any kind of liquid directly onto the screen or case of your monitor. Spraying liquids directly onto the screen or case can cause damage which is not covered under warranty.
- Do not use paper towels or abrasive pads to clean your monitor. Using an abrasive pad or any wood based paper product such as paper towels can scratch your LCD screen.

## **Cleaning Your Monitor**

To clean your LCD safely, please follow these steps :

- ① Disconnect the power cord.
- ② Gently wipe the surface using a clean, dry microfiber cloth. Use as little pressure as possible.

## **Cleaning Tough Marks and Smudges**

To remove tough marks and smudges, please follow these steps :

- ① Disconnect the power cord.
- 2 Spray a small amount of non-abrasive cleanser on a microfiber cloth.

Caution : Do not spray or apply any liquids directly onto the monitor. Always apply the solution to your microfiber cloth first, not directly on the parts you are cleaning.

- ③ Gently wipe the surface. Use as little pressure as possible.
- ④ Wait until your monitor is completely dry before plugging it in and powering it up.

## < Part 1 > RKP2417F < 1.1 > Package Content

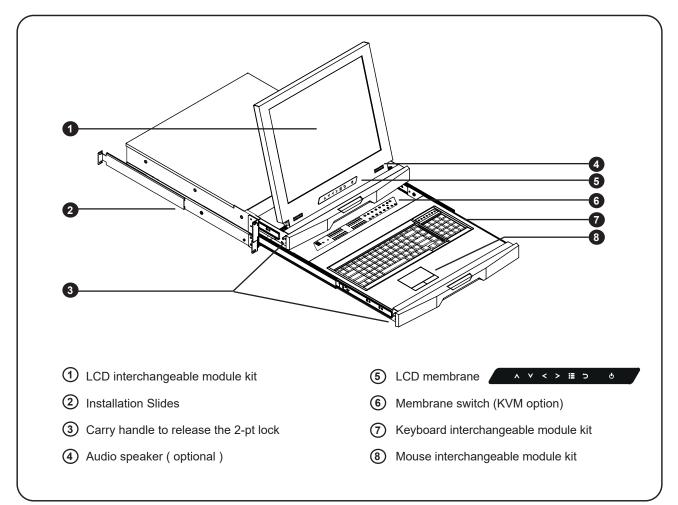


#### RKP2417F unit X1

- CX-6B 6ft HDMI console cable X 1 (Alternative : CB-6A 6ft VGA console cable)
- Power cord X1
- M6 screw, cage nut & cup washer X8

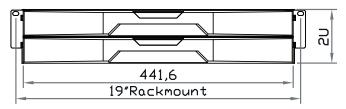
The above package content is only for the single console models. It varies with options such as KVM, SDI, DVI-D, AV, Touchscreen & DC power.

## < 1.2 > Structure Diagram



## < 1.2 > Dimension

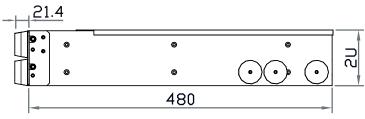
#### **Front View**



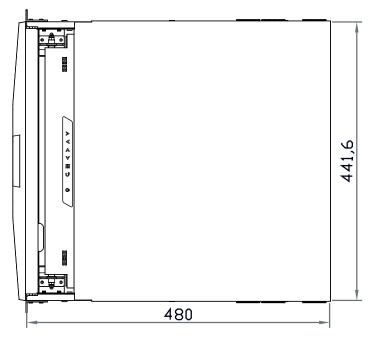
#### **Rear View**



#### Side View



#### **Top View**

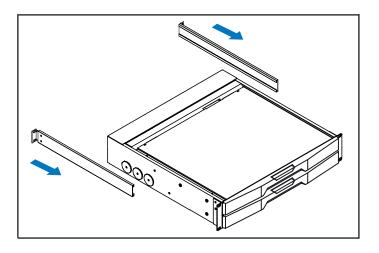


Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
RKP2417F	441.6 x 480 x 88 mm	585 x 620 x 190 mm	20.4 kg	24.8 kg
	17.4 x 18.9 x 3.5 inch	23 x 24.4 x 7.5 inch	44.9 lb	54.6 lb

The weight is only for the single console models. It varies with accessories & options .

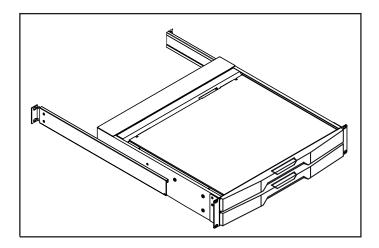
UNIT : mm 1mm = 0.03937 inch

## < 1.3 > Installation - How to install Installation Slides



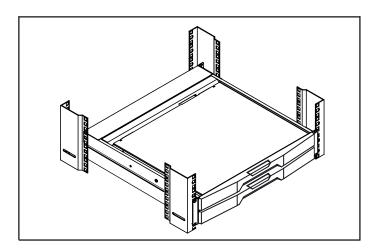


Insert the left and right rear mounting brackets into the LCD console drawer.





- Measure the depth of the front and rear mounting rails.
- Align each rear mounting bracket to a suitable length.

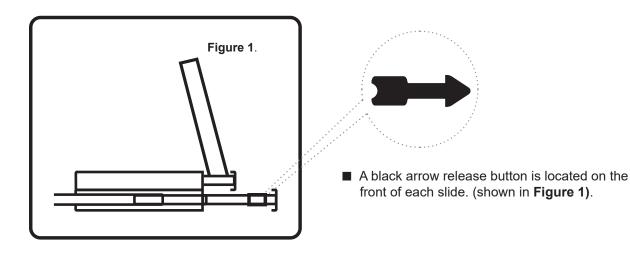


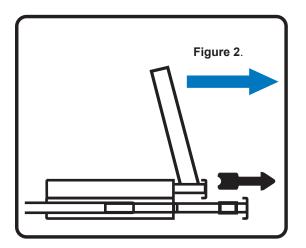
## Step **3** Complete the installation

Fix the LCD console drawer into the rack.

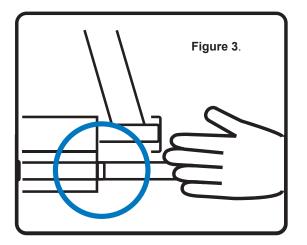


## < 1.3 > Installation - How to install Installation Slides





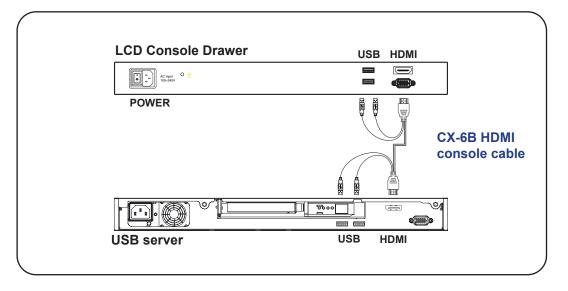
Pull and hold the black arrow button on either side of the LCD console drawer to unlock. (shown in Figure 2).



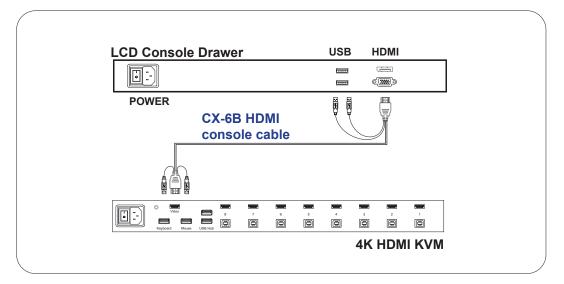
Push the LCD console drawer into the rack. (shown in Figure 3).

Caution : Keep your fingers away from the slide stop

< 1.4 > Connection to USB Server via CX-6B cable



< 1.4 > Connection to external KVM via CX-6B cable

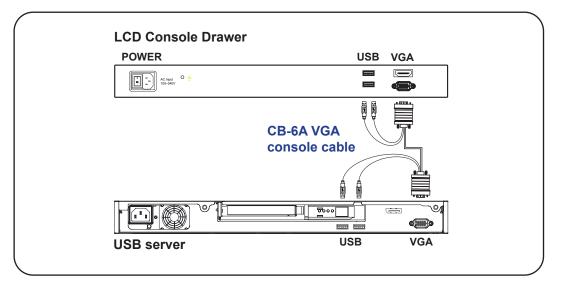


**Caution :** The LCD console drawer is hot-pluggable, but components of connected devices, such as the servers and KVM switch, may not be hot-pluggable. Plugging and unplugging cables while servers and KVM are powered on may cause irreversible damage to the servers, KVM and LCD console drawer. Before attempting to connect anything to the LCD console drawer, we suggest turning off the power to all devices. Apply power to connected devices again only after the LCD console drawer is receiving power. The company is not responsible for damage caused in this way.

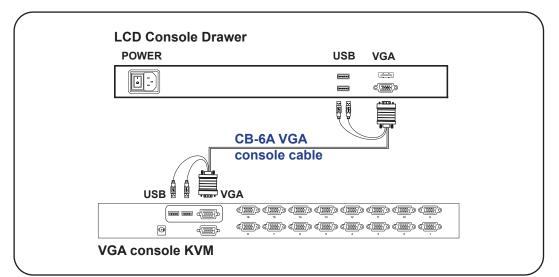
#### < 1.4 > Connection to

on to USB Server

#### via CB-6A cable



< 1.4 > Connection to external KVM via CB-6A cable



**Caution :** The LCD console drawer is hot-pluggable, but components of connected devices, such as the servers and KVM switch, may not be hot-pluggable. Plugging and unplugging cables while servers and KVM are powered on may cause irreversible damage to the servers, KVM and LCD console drawer. Before attempting to connect anything to the LCD console drawer, we suggest turning off the power to all devices. Apply power to connected devices again only after the LCD console drawer is receiving power. The company is not responsible for damage caused in this way.

## < Part 2 > Specifications / OSD < 2.1 > Product Specifications

LCD		RKP2417F
Panel	Panel Size ( diagonal )	17.3-inch Widescreen TFT color LCD
	Display pixel ( dots x lines )	1920 x 1080
	Brightness ( typ. )	300
	Contrast Ratio ( typ. )	1000:1
	Color	16.7 M, 8-bit
	Viewing Angle(L/R/U/D)	85/85/85
	Response Time ( ms )	5.5
	Dot pitch ( mm )	0.1989
	Display Area(mm)	381.888H x 214.812V
	Surface treatment	Anti-glare, Hard-coating
	Surface hardness	3Н
	Backlight Type	LED
	MTBF ( hrs )	15,000

Video Connectivity	Digital	HDMI DVI	HDMI 1.4, HDCP 1.4 DVI-D, TMDS single link
		Display Port	DP 1.0 / HDCP 1.3
	Analog	VGA	Analog 0.7Vp-p
		Composite (BNC)	NTSC & PAL
	Plug & Play	DVI / VGA	VESA EDID structure 1.3
	Synchronization	VGA	Separate, Composite & SOG

ower Power Supply		Range	Auto-sensing 100 to 240VAC, 50 / 60Hz
		Screen ON	Max. 14W
	for Single Console	Power saving mode	Max. 2W
		Power button OFF	Max. 1W
		Screen ON	Max. 45W
	with KVM integration	Power saving mode	Max. 34W

\* For details, please refer to our KVM rear kit user manuals

Compliance EMC		EMC	FCC & CE
		Safety	CE / LVD & UKCA
		Environmental	RoHS3 & REACH / WEEE

Environmental	Operating	Temperature	0 to 55°C degree
Conditions	Storage / Non-operating	Humidity	10~90%, non-condensing
		Altitude	16,000 ft
		Temperature	-20 to 60°C degree
		Humidity	5~90%, non-condensing
		Altitude	40,000 ft
		Shock	10G acceleration (11ms duration)
		Vibration	10~300Hz 0.5G RMS random

## < 2.1 > Product Specifications

Physical		RKP2417F
Specification	Product (W x D x H)	441.6 x 480 x 88 mm
		17.4 x 18.9 x 3.5 inch
	Packing(W x D x H)	585 x 620 x 190 mm
		23 x 24.4 x 7.5 inch
	Net Weight	20.4 kg / 44.9 lb
	Gross Weight	24.8 kg / 54.6 lb

\* All dimensions stated are subject to change if options are selected / integrated to base model part codes

Format         1680 x 1050 x 60Hz           1440 x 900 x 60Hz         1360 x 768 x 60Hz           1360 x 768 x 60Hz         1280 x 1024 x 60Hz           1280 x 702 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1152 x 864 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           HDMI Input         PC Signal         Same as VGA           HDMI 1.4         1920 x 1080 x 50 / 60Hz (1080p)           1920 x 1080 x 50 / 60Hz (1080p)         1920 x 1080 x 50 / 60Hz (1080p)           1920 x 1080 x 50 / 60Hz (576p / 480p)         Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz         1860 x 1050 x 60Hz           1440 x 900 x 60Hz         1360 x 768 x 60Hz         1360 x 768 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz         1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 768 x 60Hz         1280 x 768 x 60Hz         1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 768 x 60Hz         1280 x 768 x 60Hz	Applicable	DVI-D / VGA Input	PC Signal	1020 × 1080 × 6011-
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Audio Signal         2ch Linear PCM           HDMI Input         PC Signal         Same as VGA           HDMI 1.4         1920 x 1080 x 50 / 60Hz (1080p)         1920 x 1080 x 25 / 30Hz (1080i)           1280 x 720 x 50 / 60Hz (720p)         720 x 480 x 50 / 60Hz (576p / 480p)           Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1280 x 768 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1280 x 768 x 60Hz         1280 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         640 x 480 x 60Hz				800 x 600 x 60Hz
HDMI Input         PC Signal         Same as VGA           HDMI 1.4         1920 x 1080 x 50 / 60Hz (1080p)         1920 x 1080 x 25 / 30Hz (1080i)           1280 x 720 x 50 / 60Hz (720p)         720 x 480 x 50 / 60Hz (576p / 480p)           Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1360 x 768 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           800 x 600 x 60Hz         640 x 480 x 60Hz				640 x 480 x 60Hz
HDMI 1.4         1920 x 1080 x 50 / 60Hz (1080p)           1920 x 1080 x 25 / 30Hz (1080i)         1920 x 1080 x 25 / 30Hz (1080i)           1280 x 720 x 50 / 60Hz (720p)         720 x 480 x 50 / 60Hz (576p / 480p)           Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1280 x 768 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1152 x 864 x 60Hz           1152 x 864 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         640 x 480 x 60Hz			Audio Signal	2ch Linear PCM
Image: Second		HDMI Input	PC Signal	Same as VGA
Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz         1440 x 900 x 60Hz           1360 x 768 x 60Hz         1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 480 x 50 / 60Hz         1280 x 1021 x 60Hz         1280 x 768 x 60Hz           1280 x 768 x 60Hz         1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz         1280 x 720 x 60Hz           1280 x 768 x 60Hz         1280 x 768 x 60Hz         1280 x 768 x 60Hz           1280 x 600 x 60Hz         1280 x 600 x 60Hz         1280 x 768 x 60Hz           1280 x 600 x 60Hz         1280 x 600 x 60Hz         1280 x 768 x 60Hz			HDMI 1.4	1920 x 1080 x 50 / 60Hz ( 1080p )
Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1440 x 900 x 60Hz         1360 x 768 x 60Hz           1280 x 1024 x 60Hz         1280 x 708 x 60Hz           1280 x 702 x 60Hz         1152 x 864 x 60Hz           1152 x 864 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         640 x 480 x 60Hz				1920 x 1080 x 25 / 30Hz ( 1080i )
Audio Signal         2ch Linear PCM           Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1360 x 768 x 60Hz         1360 x 768 x 60Hz           1280 x 1024 x 60Hz         1280 x 768 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1152 x 864 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           640 x 480 x 60Hz         640 x 480 x 60Hz				1280 x 720 x 50 / 60Hz ( 720p )
Display port Input         PC Signal         1920 x 1080 x 60Hz           1680 x 1050 x 60Hz         1680 x 1050 x 60Hz           1440 x 900 x 60Hz         1360 x 768 x 60Hz           1360 x 768 x 60Hz         1280 x 1024 x 60Hz           1280 x 720 x 60Hz         1280 x 720 x 60Hz           1152 x 864 x 60Hz         1024 x 768 x 60Hz           1024 x 768 x 60Hz         1024 x 768 x 60Hz           640 x 480 x 60Hz         640 x 480 x 60Hz				720 x 480 x 50 / 60Hz ( 576p / 480p )
1680 x 1050 x 60Hz         1440 x 900 x 60Hz         1360 x 768 x 60Hz         1280 x 1024 x 60Hz         1280 x 768 x 60Hz         1280 x 720 x 60Hz         1152 x 864 x 60Hz         1024 x 768 x 60Hz         1024 x 768 x 60Hz         1024 x 768 x 60Hz         640 x 480 x 60Hz			Audio Signal	2ch Linear PCM
1440 x 900 x 60Hz 1360 x 768 x 60Hz 1280 x 1024 x 60Hz 1280 x 768 x 60Hz 1280 x 720 x 60Hz 1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz		Display port Input	PC Signal	1920 x 1080 x 60Hz
1360 x 768 x 60Hz 1280 x 1024 x 60Hz 1280 x 768 x 60Hz 1280 x 720 x 60Hz 1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1680 x 1050 x 60Hz
1280 x 1024 x 60Hz 1280 x 768 x 60Hz 1280 x 720 x 60Hz 1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1440 x 900 x 60Hz
1280 x 768 x 60Hz 1280 x 720 x 60Hz 1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1360 x 768 x 60Hz
1280 x 720 x 60Hz 1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1280 x 1024 x 60Hz
1152 x 864 x 60Hz 1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1280 x 768 x 60Hz
1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				1280 x 720 x 60Hz
1024 x 768 x 60Hz 800 x 600 x 60Hz 640 x 480 x 60Hz				
800 x 600 x 60Hz 640 x 480 x 60Hz				
640 x 480 x 60Hz				
			Audio Signal	2ch Linear PCM

## < 2.2 > Standard Keyboard / Mouse Specifications



Ge G keyboard integrated with touchpad

	10 TO TO
│ <u>      </u>	

Gb G keyboard integrated with trackball

|--|



Key force	55 ± 5g
Travelling distance	3 ± 0.3mm
Switch life	> 10 million life cycle time
OS support	Windows / Linux / Unix / Mac OS

#### **Supporting layouts**

America	United States					
EMEA	United Kingdom	Germany	France	Russia	Spain	Italy
Asia	Japan	Korea				

## < 2.2 > SUN Keyboard / Mouse Options



S keyboard integrated with touchpad

	0 0 0 0
	En Num Help
♠emat    ∠    X    C    V     <sup>B</sup>    N    M     <sup>×</sup>     <sup>×</sup>     <sup>2</sup>     <mark>⊕emat</mark>     <sub>Bad</sub>      <sup>Cuty</sup>     <sup>Cuty</sup>    <sup>Pate</sup>	Undo TFInd TOpen
	Front Dei





	o o o
	En Help
│	
	Copy Cut Pasto

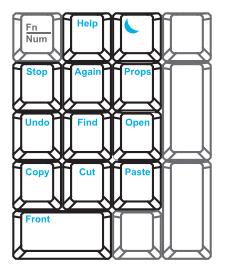


SOLARIS

#### S keyboard integrated with touchpad / trackball

- Incorporates SUN keys, including Stop, Cut, Paste, Compose, Copy and Help
- 104 key notepad keyboard with full numerical pad and SUN function
- USB interface
- US layout only

### How to Use "S" Keyboard

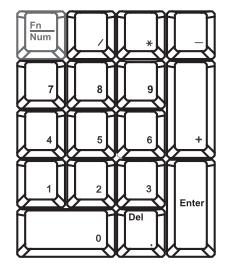


Num LED in Off mode Key pad behaves as a SUN Solar system administration command mode

Audio / Display Keys



**F9** Audio : Mute Display : Degauss



Num LED in Green mode Key pad behaves as a normal key pad mode

\* Please ask your supplier for full details



**F11** Audio : Decrease volume Display : Decrease contrast



**F12** Audio : Increase volume Display : Increase contrast

## < 2.3 > On-screen Display Operation ( OSD )

	Membrane Switch	Function
	Ç	Turn the monitor on or off
		Display the OSD menu Act as an Enter key to select screen setting options
	${\Bbb A}~{\Bbb V}~{{\vartriangleleft A}}~{\Bbb S}$	Scroll through menu options and adjust the displayed control
	Ć	Exit the OSD screen Go back to the previous on-screen sub-menu or main menu
Ren	nark : All LED touch buttons in N The LED of <b>Power </b> (b) to	<b>WHITE</b> light. uch button will flash continuously when there is no signal input.
Λ ΔII t	he LED touch buttons will autor	natically turn off after 10 minutes of idle status (except the <b>Power (</b>
ጠ ል። ተ	he LED touch buttons will autor	natically turn off after 10 minutes of idle status ( except the <b>Po</b>

## **On-screen Display Operation (OSD)**

#### 1 Picture

Brightness : Adjust the screen brightness

Contrast	: Adjust the difference between the image background ( black level ) and the foreground ( white level )
Black level	: Adjust background black level of the screen
_	- · · ·

Eco : Screen in power saving mode

#### 2 Position

: To adjust the horizontal position of the video
: To adjust the vertical position of the video
: To auto adjust H. Size of the screen
: To fine tune the screen.
: FULL SCREEEN / 4:3 / 5:4 / 16:10

## 3 Color

Color temperature	e: User / Warm / Cool / 5400k mode and Red / Green / Blue color balance
Sharpness	: Adjust the image from weak to sharp
Hue	: Adjust the screen hue value
Saturation	: Adjust the saturation of the image color
Dynamic luminous control	: Control the dynamic brightness

## (4) OSD Set

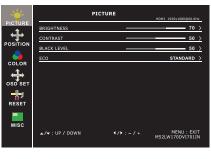
Language	: Select the language in which the OSD menu is displayed - English
OSD H-Position	: Align the screen image left or right
OSD V-Position	: Align the screen image up or down
OSD time out	: Adjust the screen timeout
OSD transparency	: Adjust the screen transparency
OSD rotation	: Rotate the screen - 90° / 180° / 270°

#### 5 Reset

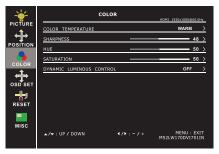
Reset : Return the adjustment back to factory setting

#### 6 MISC

Signal source : Select the signal source - DP / HDMI1 / HDMI2Mute: Turn off the surrounding soundAudio in: Auto / Line in / DPVolume: Adjust the volume of soundSleep mode: Set the off time - 10 min / 20 min / 30 min /<br/>50 min / 60 min / 120 min / 240 min



-¥-	PC	DSITION	HDMI 1920×1080@60.0Hz
PICTURE	H-POSITION		70 >
-++→	V-POSITION		50 >
POSITION	CLOCK		50 >
<b></b>	PHASE		50 >
COLOR	PICTURE SIZE		OFF >
* <b>*</b> *			
OSD SET			
RESET			
RESET			
MISC	▲/▼ : UP / DOWN	<b>4/</b> ▶ : = / +	MENU : EXIT M52LW170DVI701IN



	OSD SET				
PICTURE	LANGUAGE				
_ +₽	OSD H-POSITION	50 >			
POSITION	OSD V-POSITION	50 >			
COLOR	OSD TIME OUT	100 >			
40LOK	OSD TRANSPARENCY	0 <u>&gt;</u>			
OSD SET	OSD ROTATION	OFF >			
RESET					
MISC					
	▲/♥: UP / DOWN				



		MISC	HDMI 1920x1080@60.0	Hz
PICTURE	SIGNAL SOURCE		номі	>
-+	MUTE		OFF	>
POSITION	AUDIO IN		AUTO	>
	VOLUME		70	>
COLOR	SLEEP MODE		OFF	>
OSD SET				
RESET				
MISC				
	▲/♥: UP / DOWN	<b>∢/</b> ▶ : = / +	MENU : EX M52LW170DVI7011	

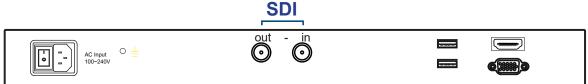
## < Part 3 > Options < 3.1 > Options : 3G / HD / SD-SDI input



Austin Hughes' SDI input is an ideal solution for the broadcastgrade video and high resolution CCTV market.

Designed for use with CyberView displays, a SDI input module can support up to 1080p @60Hz resolution without using additional space or power and it comes standard with a 2-year warranty.

\* SDI option comes with speakers.



INPUT	3G-SDI IN	BNC x 1 / 0.8Vp-p ( 75 ohm )	
	3G-SDI OUT	BNC x 1 / Active through, equalized & relocked	

Standard Compliance	Video	SMPTE 425M / 274M / 296M / 125M ITU-R BT.656	
	Audio	SMPTE 299M / 272M-C	

Compatible Video Format	3G-SDI	1080p 1080p 1080i 720p	@60 / 50Hz, 4:2:2 @30 / 25 / 24Hz, 4:4:4 @60 / 50Hz, 4:4:4 @60 / 50Hz, 4:4:4
	HD-SDI	1080p 1080i 720p	@30 / 25 / 24Hz, 4:2:2 @60 / 50Hz, 4:2:2 @60 / 50Hz, 4:2:2
	SD-SDI	480i	@60Hz, 4:2:2
	ITU-R BT.656	576i	@50Hz, 4:2:2

Compatible Audio Format	3G-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized Video
	HD-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized Video
	SD-SDI	48kHz, 16 / 20 / 24 bit, 2 CH, Synchronized / Asynchronized Video

Max. Transmission Distance	3G-SDI	150m at 2.97Gb/s
75 ohm coaxial cable	HD-SDI	250m at 1.485Gb/s
	SD-SDI	480m at 270Mb/s

## < 3.2 > Options : Touchscreen & driver



#### **Projected Capacitive 10-pt Touch screen Specification**

Model	TPC-10 Multi-touch					
Technology	Projected Capacitive					
Touch Point	10					
Input Type	Finger or Capacitive Stylus					
Resolution	4096 x 4096					
Touch Point Accuracy	± 2 mm					
Response Speed	< 5 ms					
Activation Force	< 5 g					
Surface Hardness	6H					
Light Transmission	> 85%					
Haze	3%↓					
Durability	50 million touches					
Top Layer	1.8 mm Glass					
Bottom Layer	0.7 mm Sensor Glass					
Thickness	2.7 ± 0.1 mm					
Connector	USB					
Compatibility	Linux / Android / Windows / Mac					

#### **Resistive 1-pt Touch screen Specification**

Model	TRB e-Resistive					
Technology	5-Wire Resistive					
Touch Point	Single					
Method	Stylus or Finger					
Activation Force	≤ 50g / Stylus=R0.8					
Durability	10 million touches					
Response Time	15 ms					
Optical Transmittance	80% ± 3%					
Surface Hardness	3Н					
Haze	8% ± 3%					
Glass	2.2 ±0.2 mm					
Connector	USB Type A					
Compatibility	Windows 7 / XP / Vista, Linux					

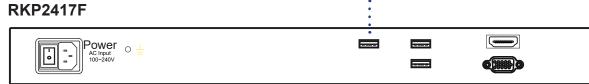
■ USB touchscreen package includes 1 x 6ft USB cable, quick reference guideline and CD disc

- For detailed information, please refer to the attached CD disc
- As the touchscreen unit is not made of toughened glass, please handle it carefully





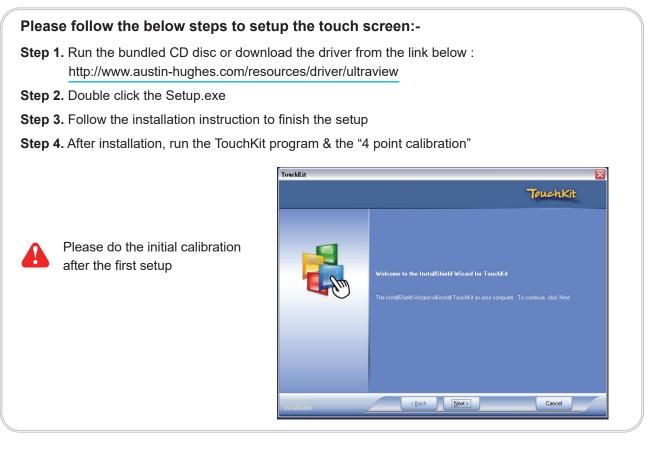
## **USB Touchscreen**



#### **TPC-10** Driver

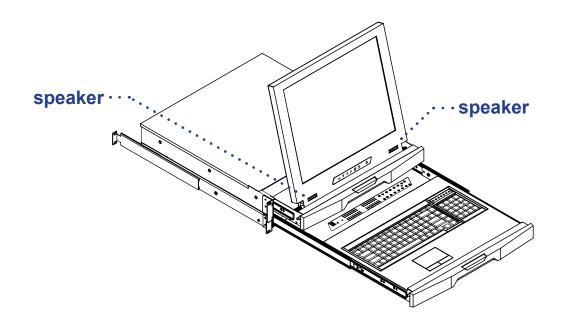
Connect the USB cable from the USB port on the LCD to a computer. The touch screen supports easy Plug-and-Play operations. There is no need to install additional drivers on the computer.

#### **TRB Driver**



< 3.2 > Options :

## **Speaker Option**



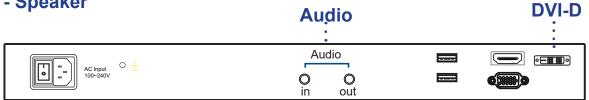
## **DP Option**

- Display Port (DP 1.0, HDCP 1.3)
- Speaker



## **DVI-D Option**

- **DVI-D** ( DVI-D, TMDS single link )
- Audio input & output
- Speaker



## **BNC Option**

- BNC (Composite, BNC)
- Audio IN
- Speaker

## **BNC** Audio IN

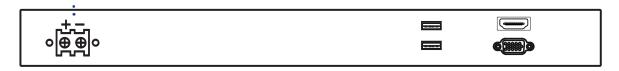
•	•	
•	•	
•	•	
•	•	
0	0	

## < 3.3 > Options : DC Power



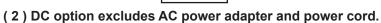
Model	12V	24V	48V	125V	250V
Input rating					
Input voltage:	12-Volt	24-Volt	48-Volt	110-Volt	300-Volt
Input range:	9 ~ 18V	18 ~ 36V	36 ~ 75V	66 ~ 160V	180 ~ 425V
Input current					
- No load	50 mA	50 mA	50 mA	35 mA	10 mA
- Full load	4950 mA	2450 mA	1220 mA	749 mA	600 mA
Output rating					
Output voltage:	12-Volt	12-Volt	12-Volt	12-Volt	12-Volt
Output current:	4.16A	4.16A	4.16A	6.25A	12.5A
Efficiency	84%	85%	85%	91%	86%

## **DC** power



#### **\*\*\*** For DC power option :

(1) If the unit with LCD, earthing may be required



## < Part 4 > KVM Integration < 4.1 > RKP2417F

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-2KKVM-KIT.pdf

<b>2</b>	Local	Remote	IP	8-port	-	-
KVM	0	0	0	-801D	-	-

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-DVIKVM-KIT.pdf

DVI-D	○ ▓▓▓ ○	Local	Remote	IP	12-port	-	-
KVM	a	1	0	0	-1201D	-	-

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-MUKVM-KIT.pdf

Cat6	Local	Remote	IP	8-port	16-port	32-port
Matrix KVM	1	1	1	-	-MUIP1613	-MUIP3213
	1	1	2	-	-MUIP1624	-MUIP3224
	1	1	0	-	-MU1602	-MU3202
	1	2	0	-	-MU1603	-MU3203
	1	3	0	-	-MU1604	-MU3204

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-UKVM-KIT.pdf

Cat6	Local	Remote	IP	8-port	16-port	32-port
Combo KVM	1	0	1	-UIP802	-UIP1602	-UIP3202
	1	1	0	-U802	-U1602	-U3202
	1	0	0	-U801	-U1601	-U3201

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-MKVM-KIT.pdf

DB-15	Local	Remote	IP	8-port	16-port	32-port
Matrix KVM	1	1	1	-MIP813	-MIP1613	-
	1	1	2	-MIP824	-MIP1624	-
	1	1	0	-M802	-M1602	-
	1	2	0	-M803	-M1603	-
	1	3	0	-M804	-M1604	-

#### www.austin-hughes.com/support/usermanual/cyberview/UM-CV-SKVM-KIT.pdf

DB-15	Local	Remote	IP	8-port	16-port	32-port
Combo KVM	1	0	1	-IP802	-IP1602	-
	1	1	0	-802	-1602	-
	1	0	0	-S801	-S1601	-

Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
RKP2417F with KVM	441.6 x 480 x 88 mm	585 x 620 x 190 mm	21.1 kg	27 kg
	17.4 x 18.9 x 3.5 inch	23 x 24.4 x 7.5 inch	46.4 lb	59.4 lb

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