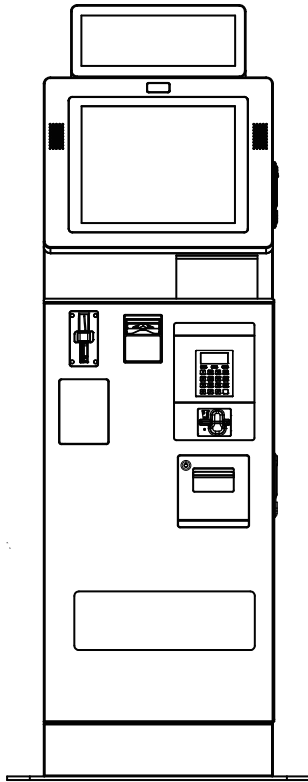


KF-P231

Quick Reference Guide



Ver. Q1

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Packing Checklist

If you discover any item below are damaged or lost, please contact your vendor.

<input checked="" type="checkbox"/> KF-P231 Kiosk Main Unit	X1
<input checked="" type="checkbox"/> Light Box	X1
<input checked="" type="checkbox"/> AC Power Cord Cable	X1
<input checked="" type="checkbox"/> Panel Key	X2
<input checked="" type="checkbox"/> Door Key	X2

KF-P231

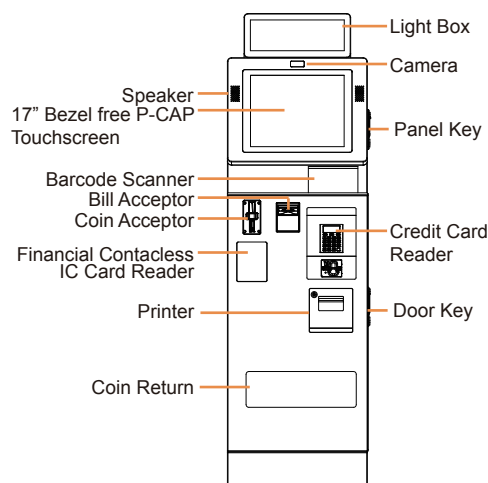
Specifications

System	
CPU Type	Intel® ApolloLake Celeron J3455 SoC
Chipset	ApolloLake SoC
Memory Support	2 x DDR3L SO-DIMM socket
Storage (HDD/SSD)	1 x 2.5" solid state SATA III, HDD, TLC
LAN	Dual LAN (2 x RJ45 on rear I/O) Supports Wake-On-LAN / Controller: 2 x Intel® I210 (GbE)
Power Supply	DC In 12V~24V/ Connector:1 x DC jack (rear I/O), 1x internal 4pin (2x2)
System Weight	
Dimensions (WxHxD)	670 x 1719 x 340mm
O.S. Support	Windows 10 (64) / Windows 7 Pro (32/64)
Fan	2 x system fans
Material	SPCC, SECC
Speaker	2 x 4W HD speaker
Painting	Powder-paint coating
Operating Display	
Touch	17" Bezel free P-CAP Touch
LCD	17" (4:3) LED backlight
Resolution	18/24bit LVDS 1280x1024 dots SXGA
Brightness	350 cd/m ²
Touchscreen	Projected Capacitive Touch
Estimated luminance lifetime	50,000h
Integrated Devices	
Thermal Printer	Paper width: 79.5 ± 0.5mm/Printing speed: 250 mm/s maximum
Barcode Reader	1D/2D Barcode Scanner
Environment	
Operating Temp.	5°C~ 35°C (40°F ~ 95°F)
Storage Temp.	0°C~ 40°C (32°F~ 103°F)
Humidity	20%~ 85%

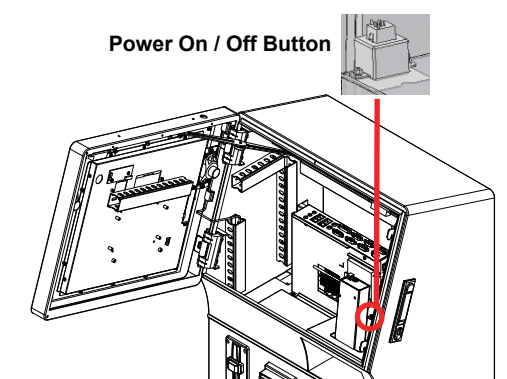
KF-P231

System View

Front View



Location of Power On/Off Button



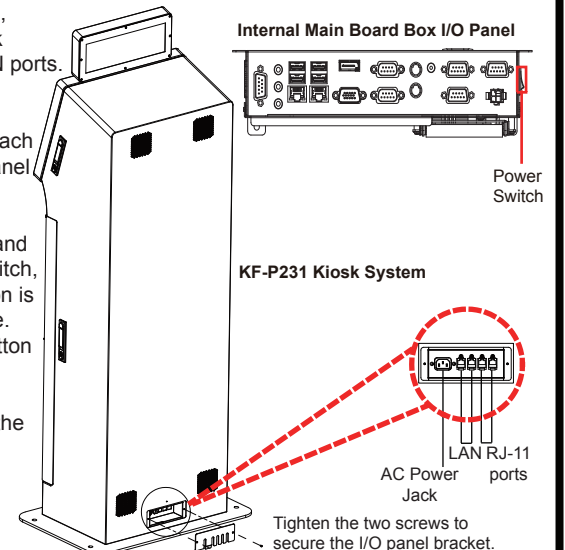
Power On and Connect KF-P231 to Network

From the lower bottom on the rear of the system, connect the AC power cord to the AC power jack and connect the Ethernet cables to the dual LAN ports. Two RJ11 ports are also provided.

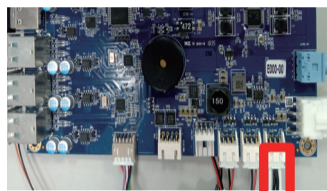
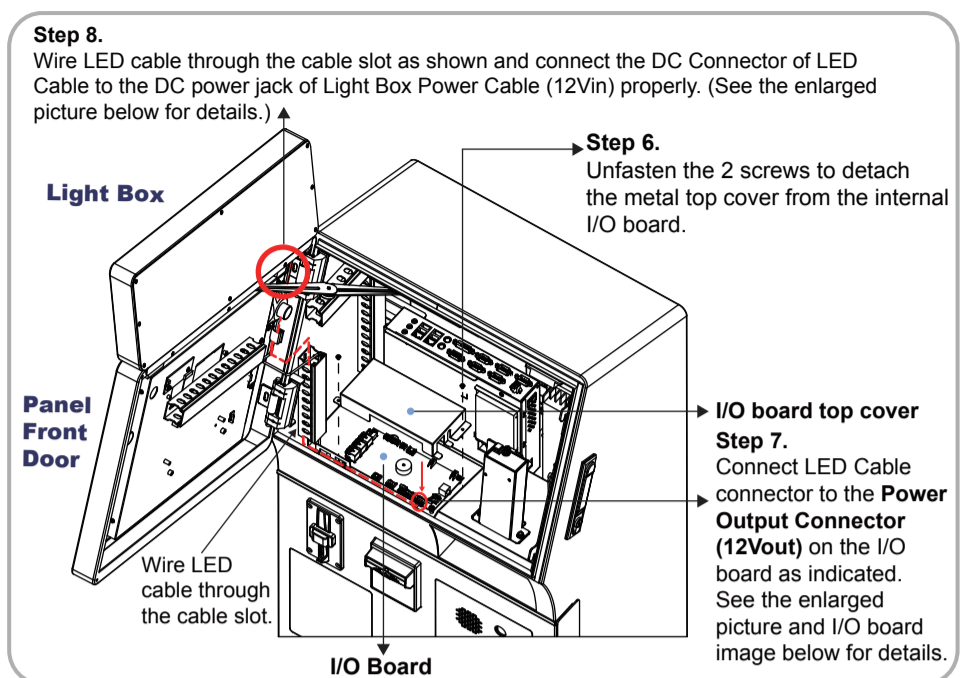
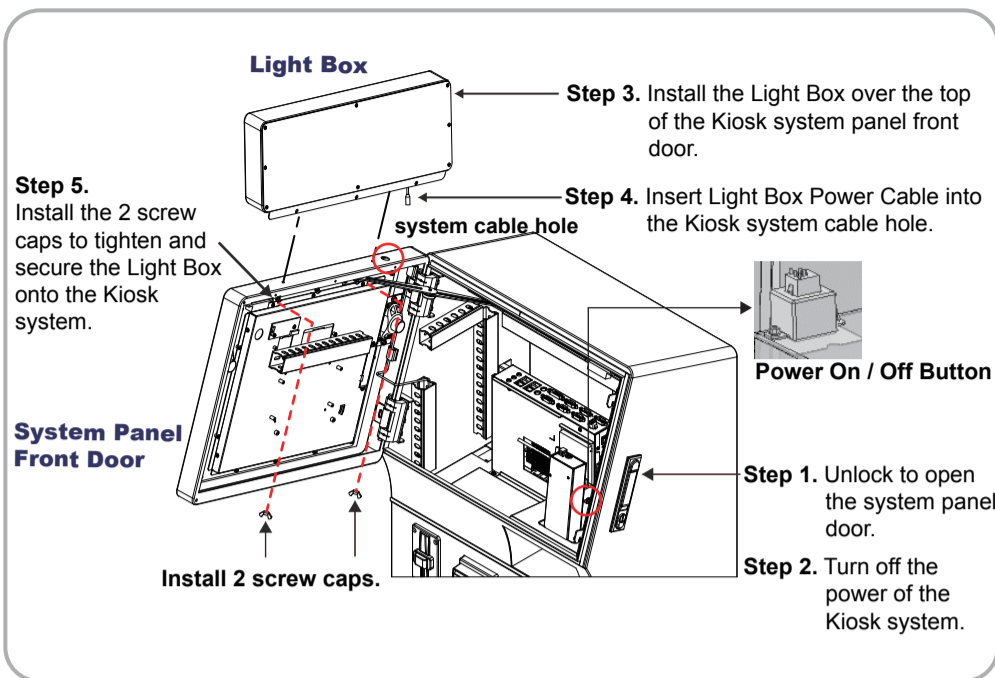
After the I/O ports are all connected properly, attach the I/O panel cover bracket onto the I/O ports panel compartment and secure it with two screws.

To power on the system, unlock the LCD panel and switch on the Power On/Off Button or Power Switch, and turn the system on. The Power On/Off Button is located on the left side of Barcode Scanner case. (See the picture of Location of Power On/Off Button above).

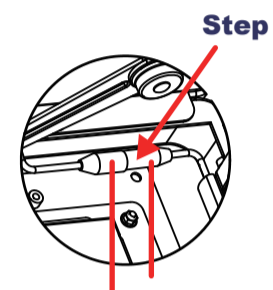
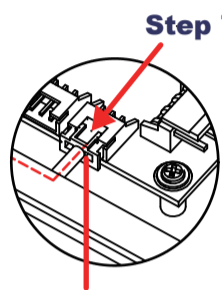
The power switch is located on the right side of the internal main board Box inside the LCD panel. Please see the picture on the right.



Installing Light Box



Please make sure you connect LED cable connector to the Power Output Connector accurately.

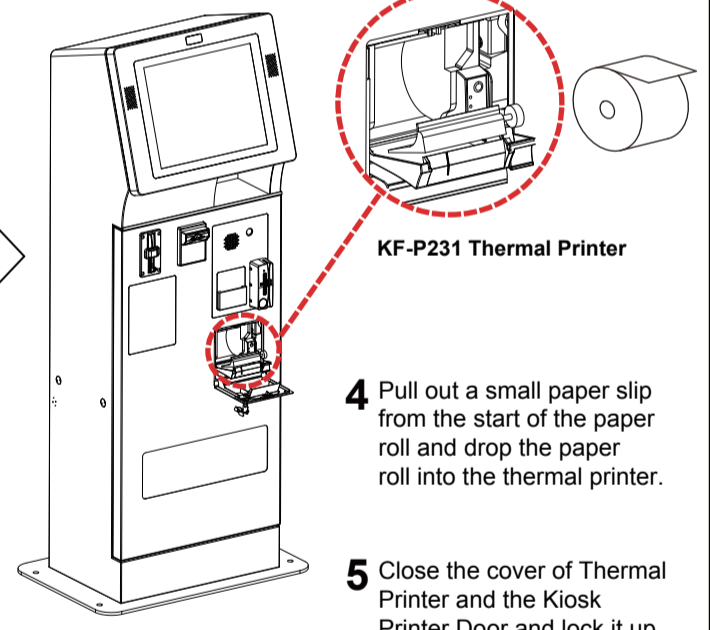
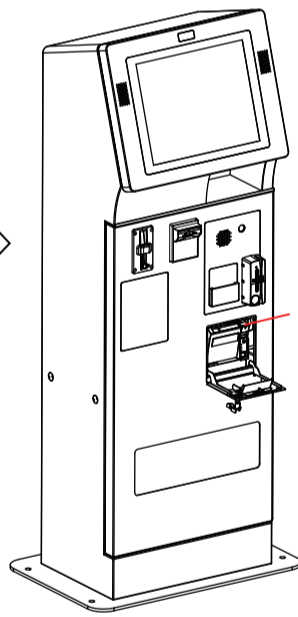
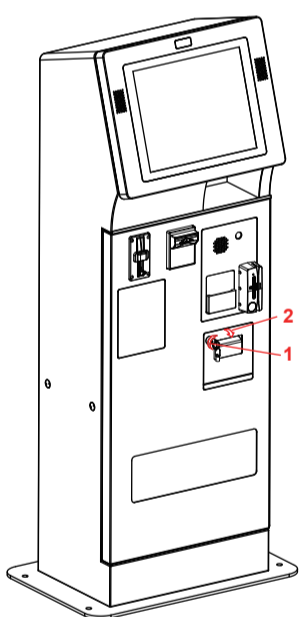


- Step 9.** Fasten back the 2 screws of the metal top cover of the I/O board.
- Step 10.** Power on the Kiosk system to light ON the KF-P231 Light Box and complete the installation.

Installing Paper Roll

- Step 1.** Insert the key to unlock the Printer Door.
- Step 2.** Open up the printer door from the top side as shown.

- Step 3.** Press the printer door latch located on the upper-right of the Printer to release.
- Step 4.** Pull out a small paper slip from the start of the paper roll and drop the paper roll into the thermal printer.
- Step 5.** Close the cover of Thermal Printer and the Kiosk Printer Door and lock it up with the key to complete.



Note: The starting paper slip must be positioned on top of the paper roll before you drop it into the printer.

Safety Precaution

The following messages are reminders for safety on how to protect your system from damages and extend a long system life.

1. Check the Cable Voltage

- Make sure the range of operating voltage between AC 100~240V. Otherwise, the system could be damaged.

2. Environmental Conditions

- Place your KF-P231 on a sturdy, level surface. Be sure to allow enough space to have easy access around the system.
- Avoid extremely hot or cold place to install the system.
- Avoid exposure to sunlight for a long period of time or in an airtight space.
- Avoid the system from any heating device or using it outdoors in a cold winter day.
- Bear in mind that the operating ambient temperature is from 5°C~35°C (40°F~95°F).
- Avoid moving the system rapidly from a hot place to a cold one and vice versa for condensation may come from inside of the system.
- Place KF-P231 in strong vibration(s) may cause hard disk failure.
- Don't place the system close to any radio active device in case of signal interference.

3. Handling

- If the system isn't fully in DOS mode, adjust BIOS setting as the instruction: Advanced Chipset Feature → Boot display → choose "LFP".
- Avoid putting heavy objects on top of the system.
- Don't turn the system upside down. This may cause the hard drive to malfunction.
- Don't allow foreign objects to fall into this product.
- If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care

- When the outside of the case is stained, remove the stain with a neutral washing agent with a dry cloth.
- Never use strong agents such as benzene and thinner to clean the system.
- If heavy stains are present, moisten a cloth with diluted neutral washing agent or with alcohol and then wipe thoroughly with a dry cloth.
- If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner for computers.
- Don't contact the surface of capacitive touch before entering your operation system, or capacitive touch may have position problems for electrostatics interface.
- Don't exchange the M/B battery by yourself or serious damage may incur.

KF-P231 Light Box

Quick Installation Guide



Ver. Q1

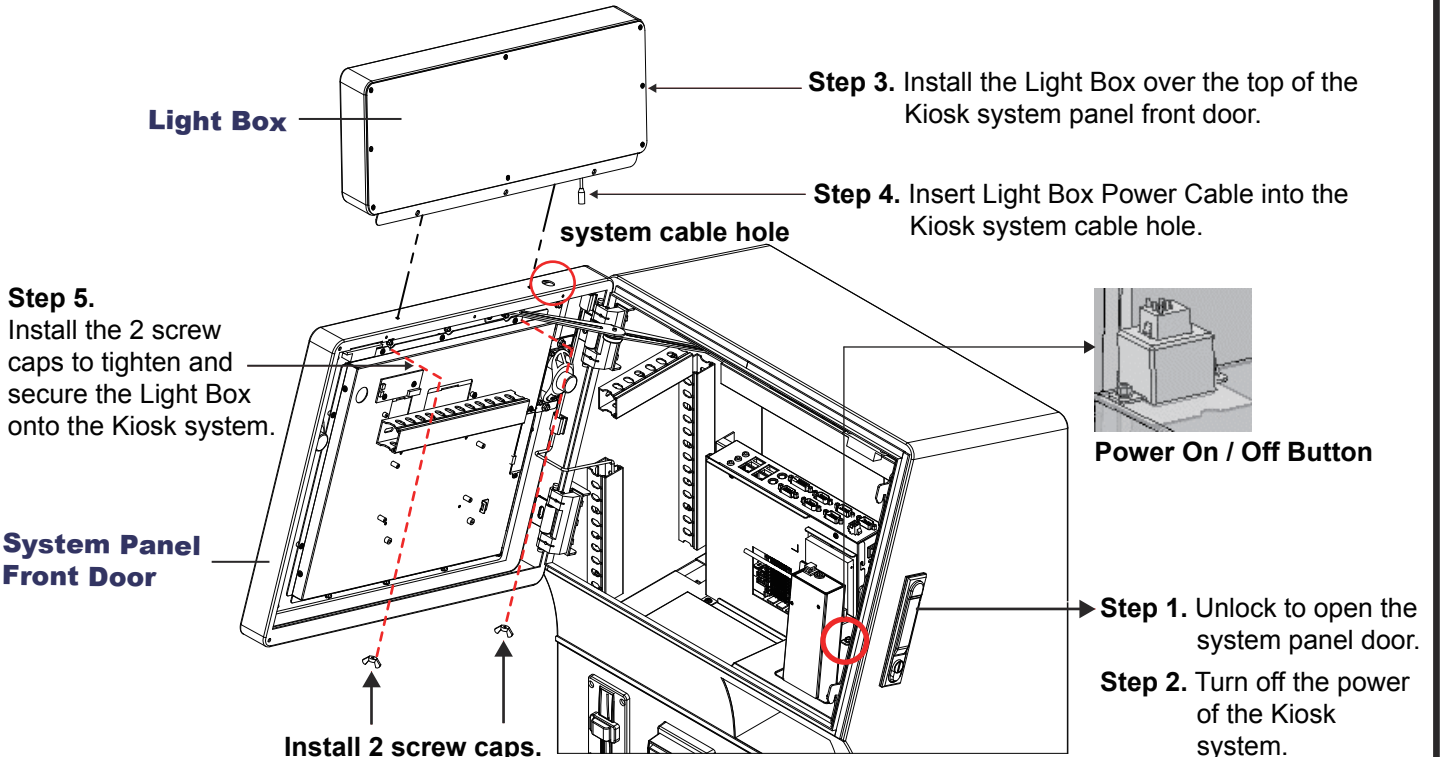
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Light Box Packing List

If you discover any item below are damaged or lost, please contact your vendor immediately.

- KF-P231 Light Box (with power cable) x 1
- Screw (Light Box) x 2
- LED cable (option) x 1
- This Quick Installation Guide (option) x 1

Install Light Box Onto KF-P231 System



KF-P231 Light Box Installation Guide

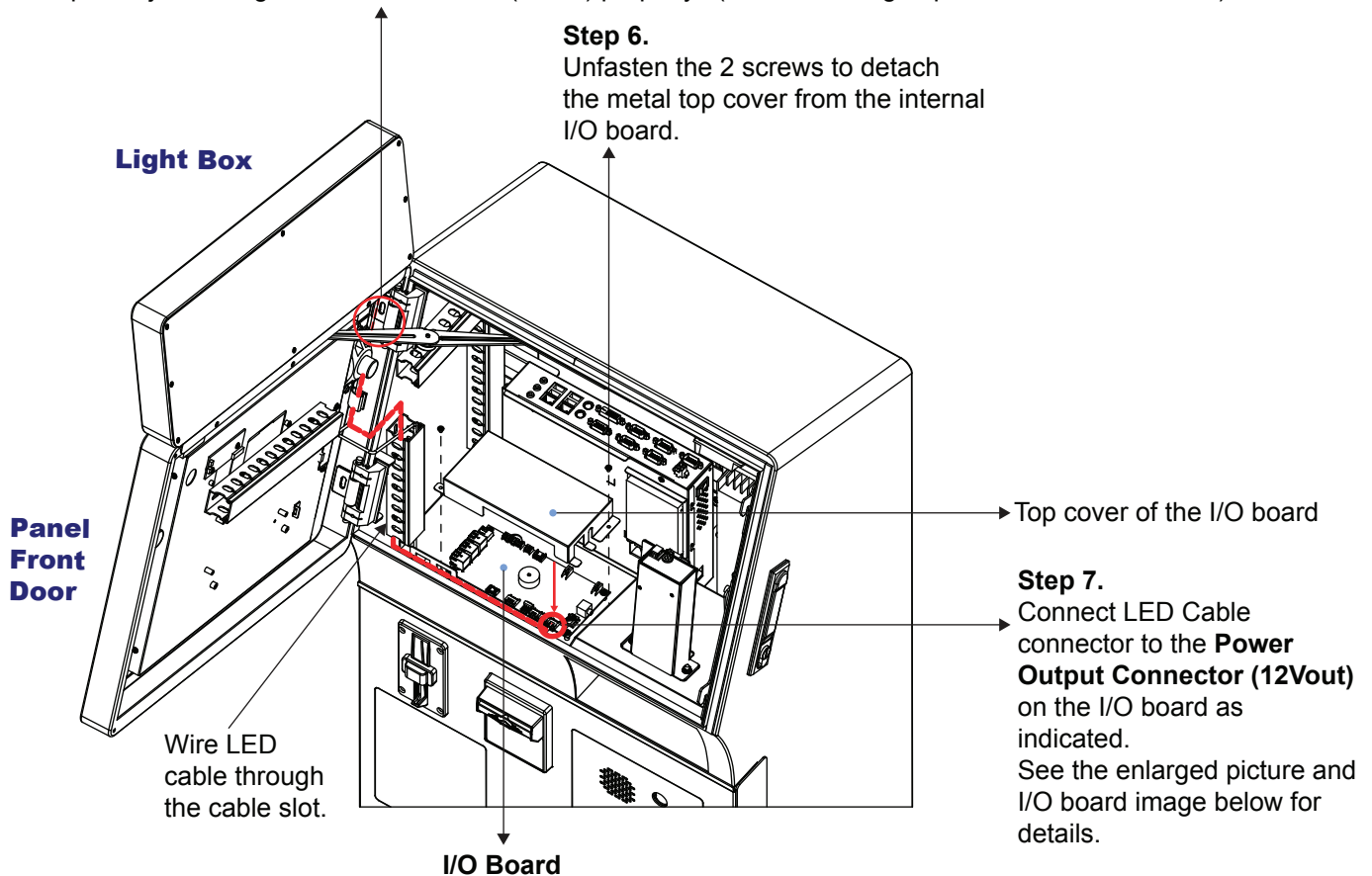
Connect LED Cable to I/O Board and Connect Power Cable

Step 8.

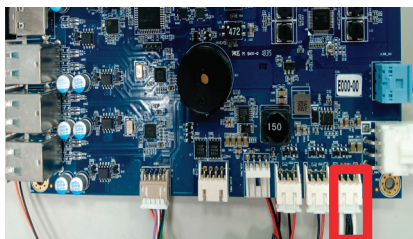
Wire LED cable through the cable slot as shown and connect the DC Connector of LED Cable to the DC power jack of Light Box Power Cable (12Vin) properly. (See the enlarged picture below for details.)

Step 6.

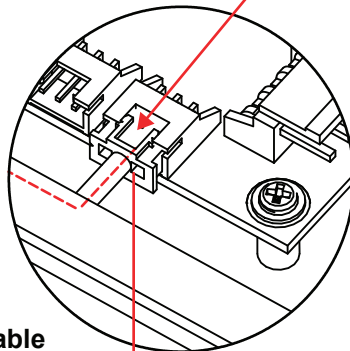
Unfasten the 2 screws to detach the metal top cover from the internal I/O board.



Step 7.

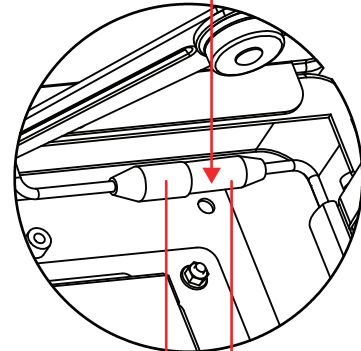


I/O Board



Power Output Connector

Step 8.



Light Box Power Cable **LED Cable**

Please make sure you connect LED cable connector to the Power Output Connector accurately.

Step 9. Fasten back the 2 screws of the metal top cover of the I/O board.

Step 10. Power on the Kiosk system to light **ON** the KF-P231 Light Box and complete the installation.