

Newton E-Paper 32"

User Manual

EL315TVW6S

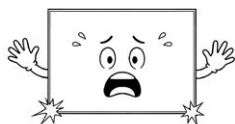
ENGLISH

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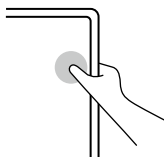
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Precautions When Handling the Panel

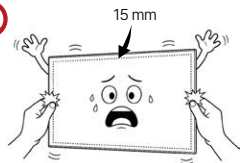
Colors and appearance may vary by model.



Do not stand the product as shown in the image.
The panel is fragile and may be damaged.



Do not hold the product by the display screen.



Do not hold or grasp the product within 15 mm of the front edge.

Before Using the Product

Safety Precautions

These safety instructions are provided to protect you from injury and prevent property damage. Please read them carefully before using the product.

SAFETY SYMBOLS

Symbol	Name	Meaning
	Warning	Failure to follow the instructions could result in serious or fatal injury.
	Caution	Failure to follow the instructions could result in personal injury or property damage.
	Prohibition	Do not attempt.
	Instruction	Follow the instructions.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.



This symbol indicates that hazardous voltage is present inside the product. Contact with internal components is dangerous and could result in electric shock.



AC voltage: Rated voltage marked with this symbol is AC voltage.



This symbol indicates that the product includes important documentation concerning operation and maintenance.



DC voltage: Rated voltage marked with this symbol is DC voltage.



Class II product: This symbol indicates that a safety connection to electrical earth (ground) is not required.



Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety-related information.

Installation



Warning



Always use both hands to handle the product to avoid the risk of dropping or applying excessive pressure, which may cause damage.



Before moving the product, turn it off and disconnect all connected cables.
Damage to the cable may cause a fire or electric shock.



When installing the product, ensure adequate ventilation around the product.
An increased internal temperature may cause a fire.



Do not install the product in a poorly ventilated space, such as a bookcase or closet.
An increased internal temperature may cause a fire.



Keep the plastic packaging out of the reach of children.
Children's misuse of the plastic packaging may cause suffocation.



Do not install the product near heat sources.
(Candles, mosquito repellents, cigarettes, sprays, heating devices, places exposed to direct sunlight, and more)



When installing the product, fix it firmly so that it does not fall.
If the product is not fixed firmly and a child touches the product while playing, the product may fall, causing damage to the product or injury to the child.



Do not install the product in a kitchen or near a kitchen counter.
Edible oil or oil vapor can damage or deform the product.



Have a technician install the wall-mount hanger.
Installation by an unqualified person can result in an injury.
Only use approved wall-mount brackets and kits.



If the product is installed in an unusual location, the surrounding environment may cause a serious quality problem. Therefore, be sure to contact SOLUM Customer Service before installation. (Places with high concentrations of fine dust, places where chemicals are used, places with extremely high or low temperatures, places with high humidity or water exposure, transportation equipment such as vehicles, and airports or stations used continuously for long periods.)



Caution



Do not drop the product while moving.

The product may fall, causing personal injury or product damage.



Do not lay down the product on its front.

The screen may become damaged.



Prolonged exposure to direct sunlight may discolor the display surface.

Operation



Warning



If the product generates a strange noise, a burning smell, or smoke, disconnect the USB-C power cable immediately and contact SOLUM Customer Service.

Do not apply impact to the product. The display may be damaged. An electric shock or fire may result.



Keep batteries and small accessories out of the reach of children. Do not allow children to handle them without adult supervision. Small accessories may present a choking hazard if swallowed. If a child swallows any small accessory, seek medical attention immediately.



If the product is dropped or shows visible damage, turn off the product and disconnect the USB-C power cable. Then contact SOLUM Customer Service.

Continued use can result in an electric shock or a fire.



Do not move the product by pulling the USB-C power cable or any other cable.

Product failure, an electric shock or fire may result from a damaged cable.



Ensure the vents are not blocked by tablecloths or curtains.

An increased internal temperature may cause a fire.



Do not apply an impact to the product.

- The screen display may be damaged.
 - An electric shock or fire may result.
-



Do not insert metal objects, such as coins or hairpins, or flammable objects, such as paper or matches, into the product through the vents or input/output ports.

Product failure, an electric shock or fire may result.



Do not place objects containing liquid (vases, pots, or bottles) or metal objects on top of the product.

- If foreign substances such as water enter the product, be sure to disconnect all cables. Then contact SOLUM Customer Services.
 - Product failure, an electric shock or fire may result.
-



Do not leave heavy objects or items that children like (toys, sweets, etc.) on top of the product.

The product or heavy objects may fall as children try to reach for the toys or sweets resulting in a serious injury.



Do not hang on or climb on the product.

- The product may fall, causing personal injury or even death.
- Be especially careful that children do not hang on or climb on the product.



Do not disassemble, repair, or modify this product. Failure to comply may result in product malfunction and may void the warranty.

- Contact SOLUM Customer Service for repairs.
- An electric shock or fire may result.



If a gas leakage is found, do not touch the product and ventilate the room immediately.

Sparks can cause an explosion or fire.



Do not use humidifiers or stoves around the product.

An electric shock or fire may result.



Caution



Do not place heavy objects on the product.
Product failure or personal injury may result.



Dispose of batteries and rechargeable battery packs in accordance with applicable local regulations. In the EU, batteries and waste batteries are subject to Regulation (EU) 2023/1542.

Used batteries and rechargeable battery packs may be returned to an authorized collection point or to a retailer that sells the same type of battery.



Do not use or keep combustible aerosols or flammable substances near the product.
An explosion or fire may result.

Cleaning



Warning



Do not spray water or cleaner directly on the product.

- The product's surface may be damaged, or the markings may be erased.
 - An electric shock or fire may result.
-



Caution



Before cleaning, disconnect the USB-C power cable and wipe the product gently with a soft, dry microfiber cloth or cotton flannel to prevent scratches.

The product's surface may be damaged, or the markings may be erased.



Be sure to use a soft and dry cloth such as superfine fibers or cotton flannels because the surface of the product and the screen display are vulnerable to scratches.

The product's surface or the screen display can be easily scratched with foreign substances.



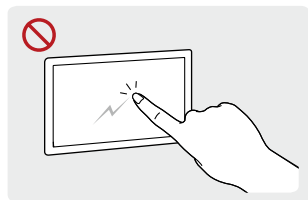
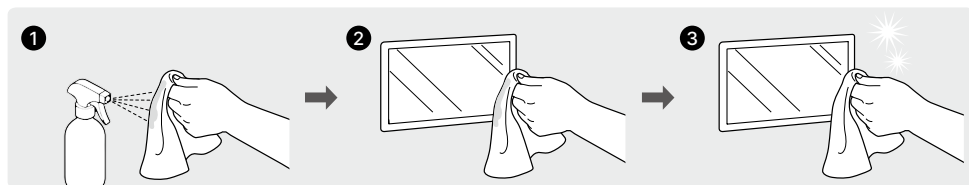
Do not apply chemicals such as alcohol, solvents, wax, benzene, thinner, insecticide, air freshener, lubricant, or cleaner to the product.

The product's exterior may be discolored or cracked, the surface of the panel may peel off, or the markings may be erased.

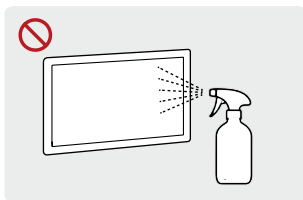
Storage and Maintenance

Cleaning the exterior and display

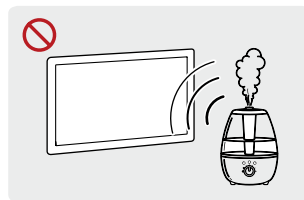
Wipe the surface with a slightly damp, soft cloth, and then wipe it with a dry cloth.



Do not scratch the screen with nails or sharp objects. Scratches may leave marks or damage the product.



Do not spray water directly on any part of the product. Product failure, an electric shock or fire may result from water that enters the product.



Due to the characteristics of high-gloss products, using an ultrasonic humidifier nearby may leave white residue on the product.

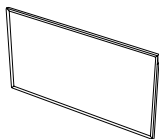
- Removing a sticker attached to the screen may leave residue. Clean the residue before using the display.
- Do not press or rub the product forcefully, as this may damage the product.
- Do not wipe the screen with chemicals. Product failure may result.
- Contact SOLUM Customer Service if the inside of the product needs cleaning (a service fee may apply).
- We recommend wearing clean gloves when touching the front panel instead of bare hands.

Preparations

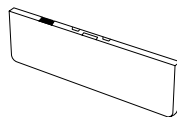
Checking the Components

- Contact the vendor where you purchased the product if any components are missing.
- The appearance of the components may differ from the images shown.
- A stand is not provided with the product. To install a stand, you can purchase one separately.
- The battery warranty period is one year and may differ from the product warranty period.

Product



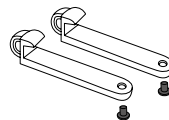
Battery Pack



USB-C to USB-C Power Cable



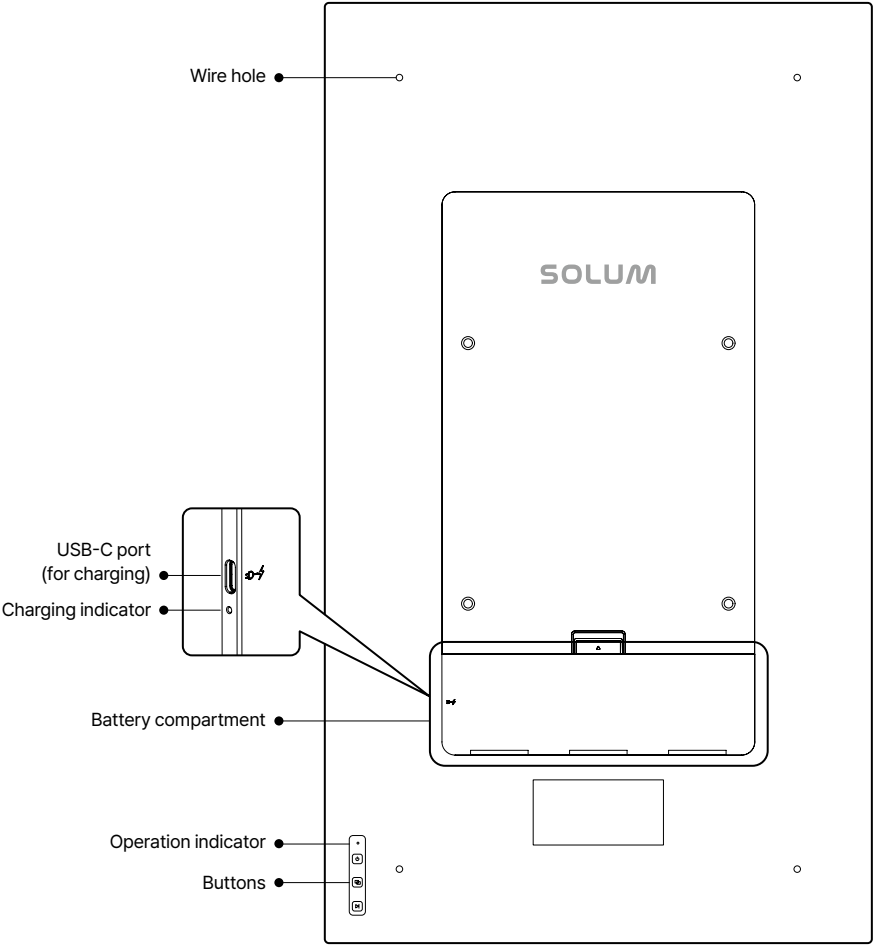
Wire Holder Clip and Screw (×2)



User Manual



Parts

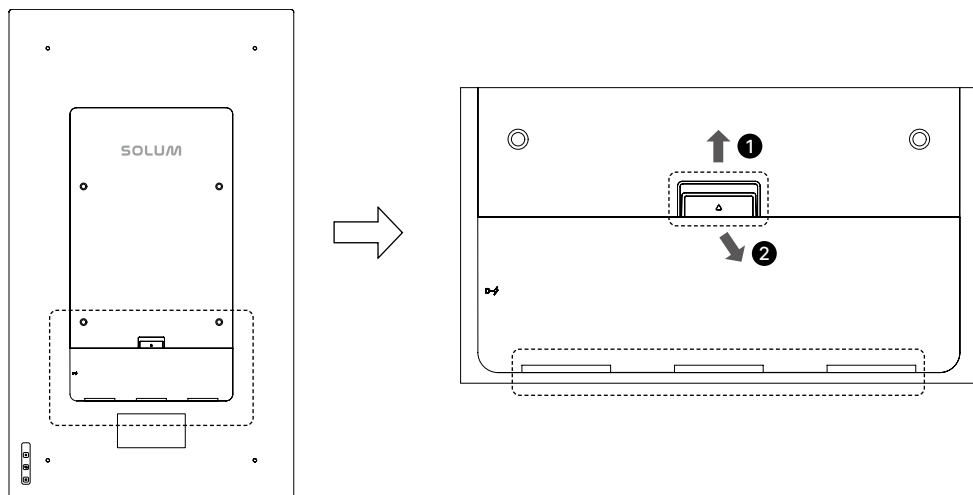


Parts	Description	
Buttons	 Power	Press the button to turn on the product. Press and hold the button for 3 seconds to turn off the product. When the product is turned off, the screen becomes white.
	 Pairing	Press and hold the button for 3 seconds to enter the Bluetooth pairing mode.
	 Control	Press the button to wake the product from sleep mode.
	 Power + Control	Press and hold both the Power and Control buttons simultaneously for at least 5 seconds to perform a factory reset.
USB-C Port (for Charging)	You can connect a USB-C charger to supply power.	
LED Indicator Status	Operation indicator / Charging indicator • Two LED indicators display operation and charging status. • Refer to the "Operation indicator" description section for details.	
Wire Hole	You can attach the provided Wire Holder Clip and mount the product with a wire.	

LED Indicator Status

Parts	LED Color	LED Behavior	Description
Operation indicator	Red	Solid on briefly (2 seconds)	Error occurred
		5 rapid blinks (0.1-second interval) → slow blink (2-second interval) until off	Shutting down / Factory reset
	Green	Solid on briefly (2 seconds)	Boot complete
		Slow blink (2-second interval)	Content / Firmware update in progress
	Blue	Rapid blink (0.3-second interval)	Waiting for mobile connection
		Slow blink (3-second interval)	Mobile connected
		Slow blink (2-second interval)	Connecting to network (after initial setup or wake-up)
Charging indicator		5 rapid blinks (0.3-second interval)	OTA update complete
	Red	Solid on	Charging in progress
	Green	Solid on	Charging complete

Battery Removal Guide



How to remove the battery pack

Pull the lever all the way up in the direction of the arrow, then hold the center of the battery pack and remove it.

How to install the battery pack

Place the product on a flat surface. Then align the bottom latch of the battery pack with the slot on the set. Then press the center area of the battery pack (about 5 cm to the left/right) until you hear a clicking sound.

Important Safety Information

- Risk of short circuit if the battery is installed or stored incorrectly.
- Check that hands are dry before and throughout the replacement process.
- Keep batteries away from children and infants.
- Do not heat, bend, drop, short-circuit, or disassemble the battery. Charge only as instructed.
- Do not mix together used and new batteries or different battery types.

If the battery shows staining, leakage, odor, deformation, or other abnormal signs, stop using it immediately and contact SOLUM Customer Service.

Rechargeable Battery Handling

Store and use the battery away from static electricity.

- If the battery is stored for a long time (more than 3 months), it should be stored in an environment with a temperature of 10 °C to 25 °C and a humidity of 45% to 85%
- If battery is stored for a long time (more than 3 months), it should be charged every three months.
- Store the battery away from heat sources and direct sunlight.

Safety Warning: It is strictly forbidden to directly short-circuit the positive and negative terminals of this product.

- Do not crush, puncture, disassemble, or burn the battery. Do not heat the battery above 100 °C or immerse it in water.
- Charging above the specified overcharge voltage may cause an explosion or activate the safety vent.
- Do not force the battery to discharge, as this may cause performance degradation or an increase in internal resistance.
- If the battery leaks or emits an unusual odor, move away from it immediately and stop use.
If the electrolyte comes into contact with skin or clothing, rinse immediately with clean water.
If the electrolyte enters your eyes, do not rub them. Flush them immediately with clean water and seek medical attention immediately.

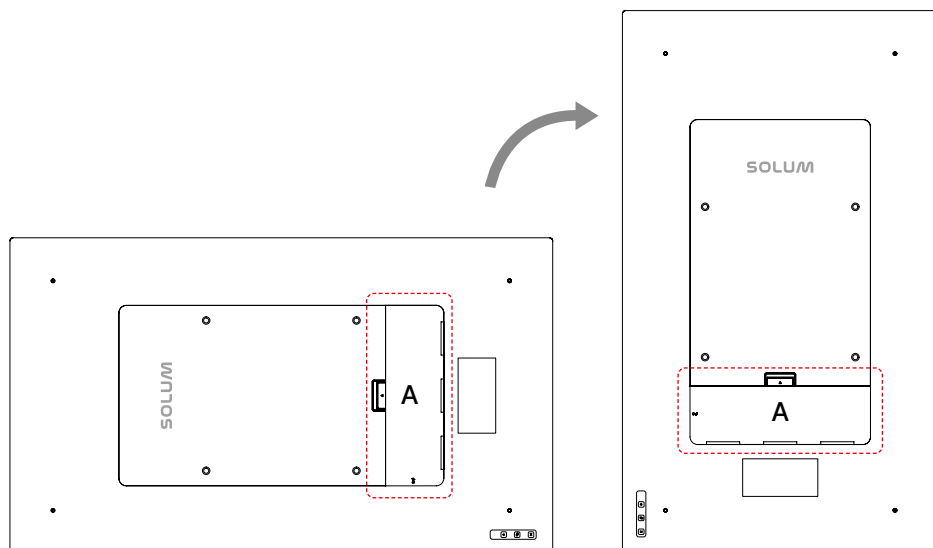
When charging the battery pack, use only a USB-C charger that provides a 5 V output. The product supports up to 15 W (5 V / 3 A) input, and the charger should provide at least 10 W.

USB Charger	Input	AC 100–240 V, 50/60 Hz, 120 W
	Output	5 V / ≥ 10 W

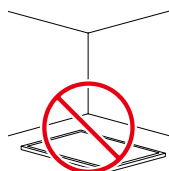
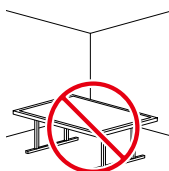
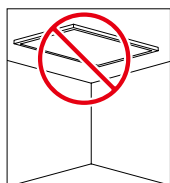
- Do not use chargers that deliver a voltage exceeding 5 V, as this may cause severe damage to the product or even lead to fire hazards.
- Use only the USB-C power cable supplied by SOLUM with this product.
- Using counterfeit or unapproved chargers may damage the product or cause a fire hazard.

Before Installing the Product

- The product can be tilted at a maximum angle of 15° from a perpendicular wall surface.
- To use the product in Portrait mode, ensure the battery cover (A) is positioned at the top, as shown in the images below.

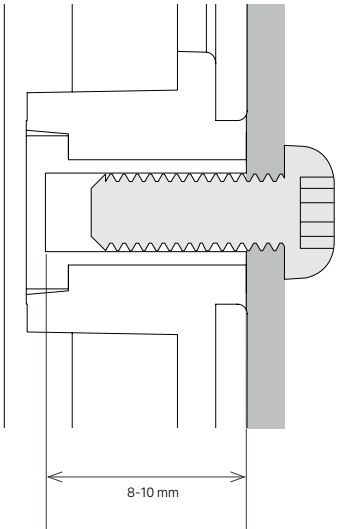
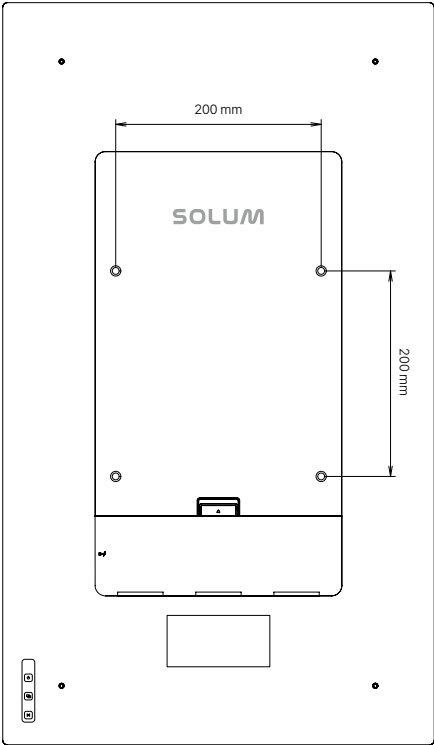


Do not install this model on a ceiling, floor, or table.



Installing the Wall Mount

Wall Mount Kit Specification

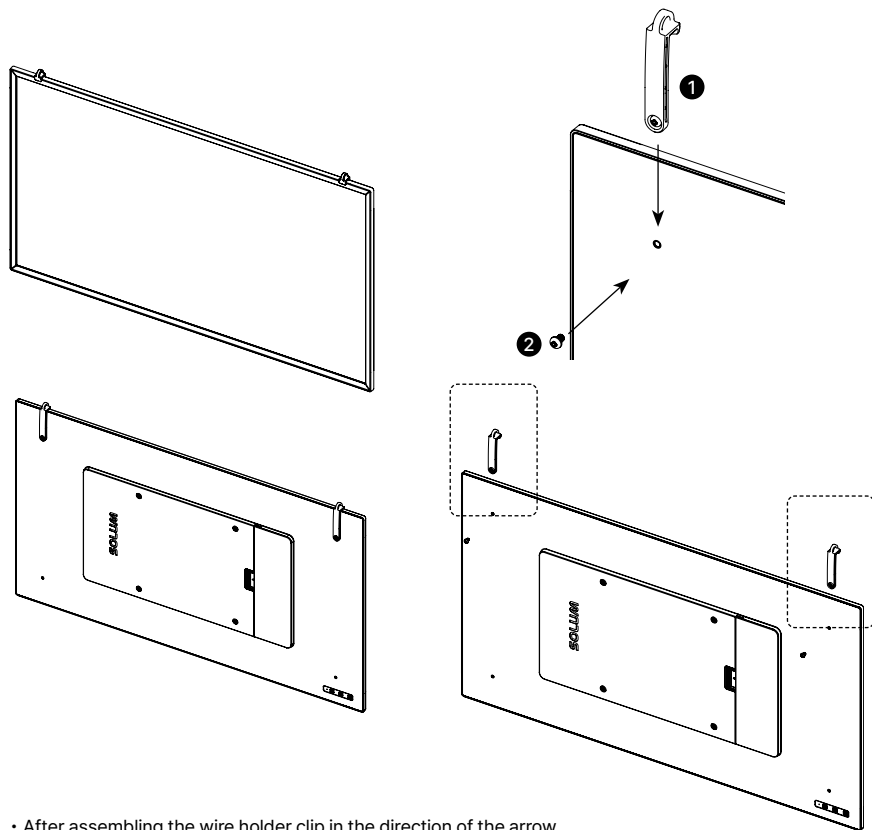


- VESA mounting pattern: 200 × 200 mm
- Standard screw: M4 machine screw
- Screw insertion depth: 8-10 mm

Installing the Wall Mount

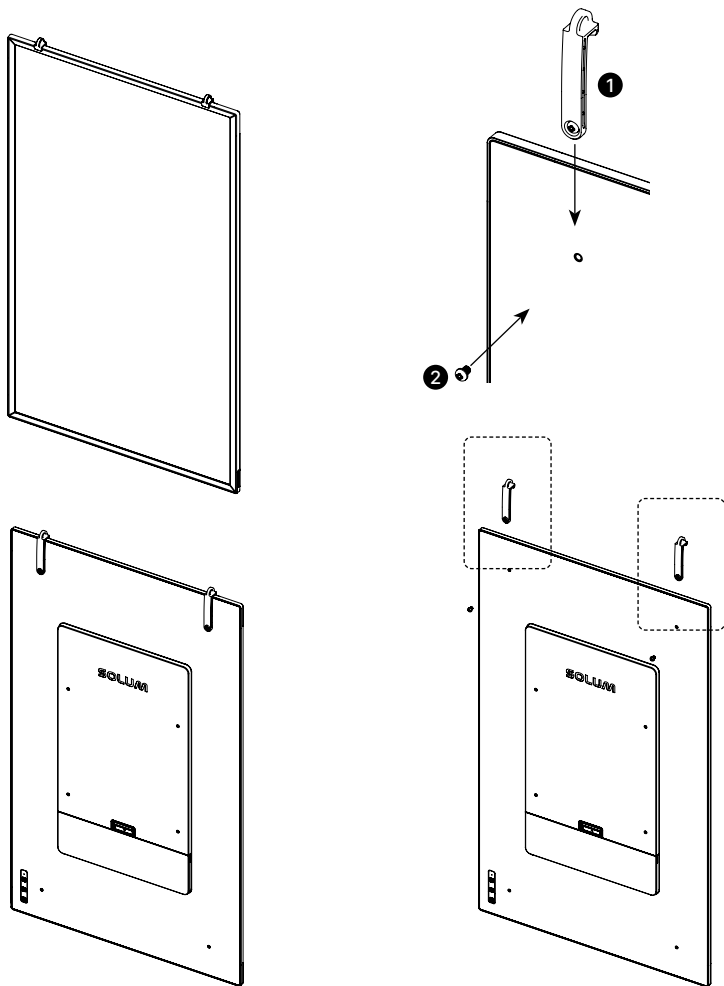
Hanging the Product on the Wall

Orientation: Landscape



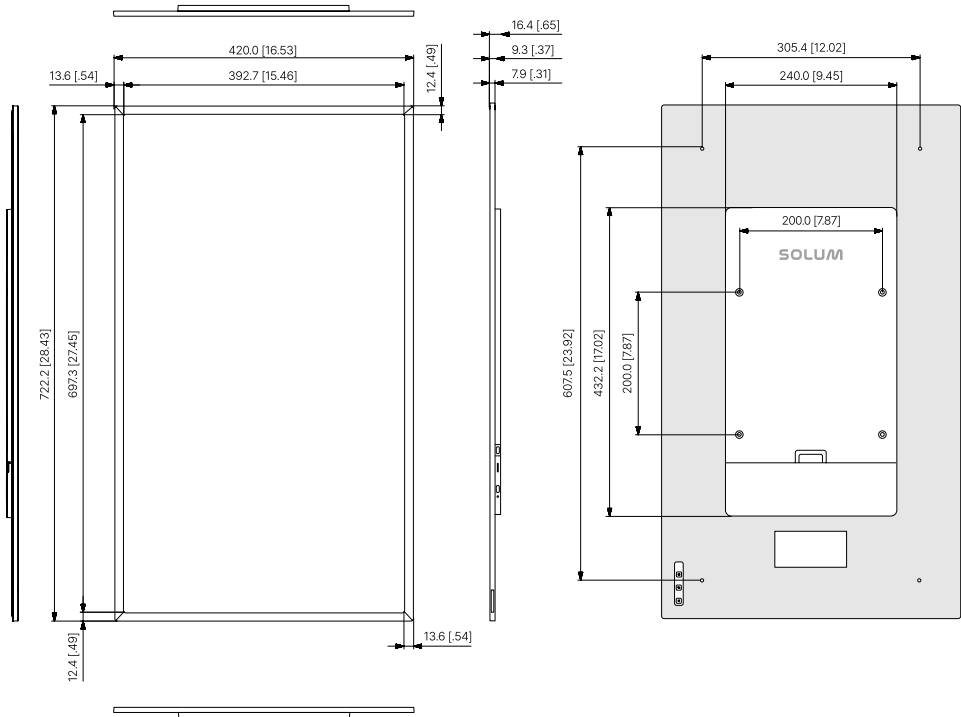
- After assembling the wire holder clip in the direction of the arrow, secure it in place using the supplied screw.

Orientation: Portrait



- After assembling the wire holder clip in the direction of the arrow, secure it in place using the supplied screw.

Specifications



Item		Description
Mechanical	Dimensions (W × H × D)	420.0 × 722.2 × 16.4 mm / 16.53 × 28.43 × 0.65 in
	Weight	2.3 kg / 5.07 lb (including battery)
	VESA Mount	200 × 200 mm
	VESA Mount Screw	M4, screw insertion depth 8-10 mm
	Bezel Width (Top / Bottom / Left / Right)	12.4 / 12.4 / 13.6 / 13.6 mm
Design	Bezel Color	White
Display	Dimensions (W × H)	391.7 × 696.3 mm / 15.42 × 27.41 in
	Orientation	Portrait / Landscape
	Resolution	1,440 × 2,560 pixels (94 dpi, 9:16)
	Colors	KWRYGB (Black, White, Red, Yellow, Green, Blue). Dithering for an expanded color palette.
	Viewing Angle	Nearly 180°
Connectivity	Wi-Fi	IEEE 802.11a/b/g/n, dual-band 2.4 GHz and 5 GHz
	Bluetooth	Bluetooth 5.1 (BLE Standard)
Features	Hardware	3 buttons (Power / Pairing / Control) 2 LED indicators (Operation / Charging)
	Software	SOLUM E-Paper Mobile App (Android and iOS) Aims EPS App
	Usable Pages	Up to 10 pages
Power	Input Power	USB-C (5 V / 3 A)
	Battery	Battery Pack (Li-ion Rechargeable, 10,000 mAh)
Security		WPA2-Personal (WPA2-PSK) TLS 1.2 (128-bit AES)
Communication Distance		30 m (98 ft) radius, line of sight
Compliance		FCC, ISED, CE, UKCA, MIC, KC, RoHS, WEEE
Operating Temperature		0 to 50 °C (32 to 122 °F), 40-70% RH Recommended Charging Temperature: Below 40 °C
Storage Temperature		-25 to 50 °C (-13 to 122 °F), 40-70% RH Recommended Long-Term Storage Temperature: 10 °C to 30 °C
Included Accessories		USB-C to USB-C Power Cable (1 m) Wire Holder Clip and Screw (×2)

Safety Information

FCC

NOTE: 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. 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:

- Reorient 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.
- Consult the dealer or an experienced radio/TV technician for help.



Warning

WARNING : This equipment may generate or use radio frequency energy. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE

We hereby declare under our sole responsibility that the electrical product above is in compliance with the essential requirements of the Radio Equipment Directive (2014/53/EU) by application of

EN 300 328 V2.2.2

EN 301 893 V2.1.1

EN 300 330 V2.1.1

EN 62311: 2020

EN 301 489-1 V2.2.3

EN 301 489-3 V2.3.2

EN 301 489-17 V 3.2.4

EN IEC 62368-1:2020+A11:2020

and the Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment by application of EN 62321 SERIES.

ISED

This device complies with ISED Canada's licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Appendix

Installing the App

1. How to install the mobile app

The mobile app is available for both Android and iOS. Search for "SOLUM E-Paper" on the Google Play Store or Apple App Store to download it.

2. Device Registration via Bluetooth Connection

- 1) Open the mobile app and go to the Device screen. Tap the Add Device button (+) to open the QR code scan screen.
- 2) Press the BLE Pairing Mode button located on the back of the device.
- 3) Once the device switches to pairing mode, a QR code will be displayed on the device screen.
On the mobile app, scan this QR code using the QR code scan screen. Alternatively, tap the Find device nearby button at the bottom of the screen to view a list of nearby devices in Bluetooth pairing mode and select your device.
- 4) After a successful Bluetooth connection, the app will proceed to the initial setup screen for registering the new device.
- 5) Once you complete all six steps of the initial setup for a new device —
(1) Wi-Fi connection, (2) Select store, (3) device name, (4) tags, (5) usage mode settings, and (6) content deployment — the device registration will be complete.

3. Network (Wi-Fi) Connection (Business Mode Only)

Initial Setup

Android	iOS
1) When registering a new device and starting the initial setup, you can configure the Wi-Fi network for the device. 2) On the first step of the setup screen, "Connect to a network", choose one of the available Wi-Fi networks from the list and enter the password if required. 3) Once the Wi-Fi connection is established, the device will connect to the server via Wi-Fi and move on to the next setup step.	1) When registering a new device and starting the initial setup, you can configure the Wi-Fi to be assigned to the device. 2) On the first step of the setup screen 'Connect to a network', manually enter the Wi-Fi SSID, and enter the password if required. 3) Once connected successfully, the device will connect to the server via Wi-Fi and move on to the next setup step.

Changing Wi-Fi Settings for a Registered Device

(Note: A Bluetooth connection is required to change the Wi-Fi settings of a registered device.)

- 1) From the device list, select the device and go to its Details screen.
- 2) After tapping the More options (...) in the upper-right corner of the screen, select "Network Settings" from the "Device Options" menu.
Then, follow the on-screen instructions to connect the device via Bluetooth.
- 3) After the Bluetooth connection is complete, go to "Network Settings" and connect to a new Wi-Fi network.



Scan the QR code to view the User Manual in your preferred language.

Available Languages:

Deutsch | Français | Italiano | Español | Português | 日本語 | 한국어

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