Quick Start Guide

This quick guide will help you go through installation quickly

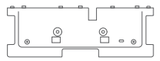
Luminen 10

Touch Panel PC

Qbic

Contents

Panel PC



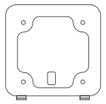
I/O Cover

M3

M3 screw *1

M2

M2 screw *2



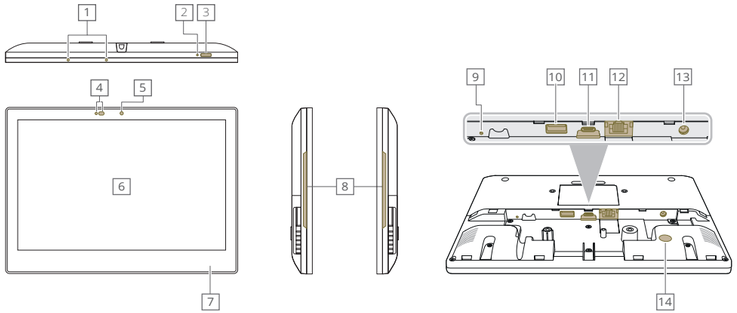
Bracket

Tape
Bracket Kit

DC power Adapter
(Optional)

Metal Stand
(Optional)

Indication

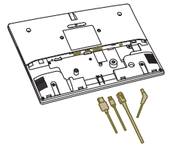


1 MIC	5 Camera	9 Reset hole	13 DC IN
2 Reset	6 Display	10 USB 3.0	14 12 Kensington Lock Slot
3 Power Button	7 NFC	11 USB Type C for ADB	
4 Proximity Sensor	8 Side LED	12 RJ45 / PoE+	

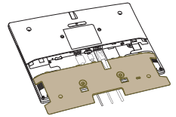
Installation

1. Cable connection

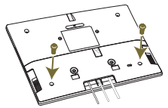
STEP 1
Connect cables. Device will power on when DC/PoE+ is inserted.



STEP 2
Install I/O cover



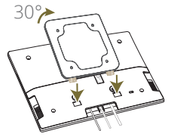
STEP 3
Fix 2* M2 screws



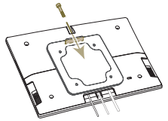
2. Tape Mount

STEP 1
Attach tape on the back of bracket

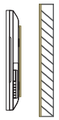
STEP 2
Place the bracket on the back side of Panel PC



STEP 3
Fasten M3 screw*1 to secure the bracket and back cover

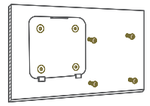


STEP 4
Fix the Panel PC on the surface using tape

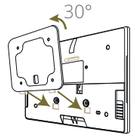


3. Surface Mount

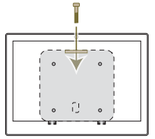
STEP 1
Install bracket on surface (screws not included)



STEP 2
Mount the Panel PC on the bracket



STEP 3
Fasten M3 screw*1 to secure the bracket and back cover



NOTICE:

- This Panel PC is also compatible with VESA mounting (75mm x 75mm). It is recommended to secure with M3 screw. The suggested length of the M3 screw is the thickness of VESA mounting bracket plus 8mm(Screw not included).
- Please ensure the mounting surface is clean and smooth before using the tape.
- M2 / M3 screw Torque<2 kgf-cm
- Installation height: <2M

CARE AND WARNING

◎ WARNING :

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.

◎ 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/panel PC technician for help.

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

- May not cause harmful interference.
- Must accept any interference received, including interference that may cause undesired operation.

◎ Correct disposal of this product :

This marking indicates that this product should not be disposed with other household wastes throughout the EU.
To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

◎ The power consumption of the product in networked standby is 12V/1.5A (18W) which all wired network ports are connected and all wireless network ports are activated.

◎ FCC & CE RF radiation Exposure Statement Caution : To maintain compliance with the FCC & CE`s RF exposure guidelines. Place the product at least 20cm from nearby persons.

◎ Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types); Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery,that can result in an explosion; Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of ammable liquid or gas; A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas .

◎ The product is to be connected only to PoE networks without routing to the outside plant.

◎ Canada, Industry Canada (IC) Notices
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development

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

◎ Canada, avis d'Industry Canada (IC)
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1.L'appareil ne doit pas produire de brouillage;
L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

◎ Radio Frequency (RF) Exposure Information
The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.
This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person's body).
Informations concernant l'exposition aux fréquences radio (RF)
La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry

◎ Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.
Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (antennes sont supérieures à 20 cm à partir du corps d'une personne).

Surface Preparation for Tape Application

Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol (IPA) and water* prior to applying Tapes. There are exceptions!

◎ Exceptions to this general procedure that may require additional surface preparation include:

- Heavy Oils: A degreaser or solvent-based cleaner may be required to remove heavy oil or grease from a surface and should be followed by cleaning with IPA/water.
- Abrasion: Abrading a surface, followed by cleaning with IPA/water, can remove heavy dirt or oxidation and can increase surface area to improve adhesion.
- Porous Surfaces: Most porous and fibered materials such as wood, particleboard, concrete etc. need to be sealed to provide a unified surface.
- Unique Materials: Special surface preparation may be needed for glass and glass-like materials,copper and copper containing metals and plastics or rubber that contain components that migrate (e.g. plasticizers).

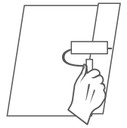
◎ General Procedure

- To obtain optimum adhesion, the bonding surfaces must be well unified, clean and dry.
  Typical surface cleaning solvents are IPA/ water mixture (rubbing alcohol) or heptane. * (Steps A and B)
- Bond strength is dependent upon the amount of adhesive-to- surface contact developed.
  Firm application pressure develops better adhesive contact and helps improve bond strength.
  (Steps C and D) Generally, this means that the tape should experience at least 15 psi (100 kPa) in roll down or platen pressure.
- After application, the bond strength will increase as the adhesive flows onto the surface. At room temperature, approximately 50% of the ultimate strength will be achieved after 20 minutes, 90% fter 24 hours and 100% after 72 hours. In some cases, bond strength can be increased and ultimate bond strength can be achieved more quickly by exposure of the bond to elevated temperatures (e.g. 150°F [66°C] for 1 hour).

Step A:
Solvent wipe

Step B:
Wipe dry

Step C:
Apply tape to surface



Step D:
Roll finished joint

NOTE : These cleaner solutions contain greater than 250 g/l of volatile organic compounds (VOC).
Please consult your local Air Quality Regulations to be sure the cleaner is compliant.
When using solvents, be sure to follow the manufacturer's precautions and directions for use when handling such materials.

◎ LASER SAFETY:

This product complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.
Date of manufacture: the date code shown on the product label represents the manufacturing date of this laser product.

The ambient light sensor can automatically adjust panel brightness base on the environment.

See Display settings to enable automatic brightness.
The Laser proximity sensor will detec nearby motion to wake the panel up without requiring a touch.

CAUTION: Invisible laser radiation when open. Avoid exposure to beam. Class 1 laser product. This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.
CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
CAUTION:This product is only suitable for insatllations less than or equal to 2m(6.56ft) high for CE/UL safety.

This unit is intended to be supplied by an UL / IEC 62368-1 certified Class II power adapter suitable for use at minimum 40 degree C and altitude of operation up to 5,000 m whose output complied with LPS/PS2 and meets ES1, and is rated 12 V d.c., minimum 1.5 A or UL/IEC 62368-1 certified PoE output power supply suitable for use at minimum 40 degree C and altitude of operation up to 5,000 m whose output complied with LPS/PS2 and meets ES1 and is rated 44-57 V d.c., minimum 0.4 A

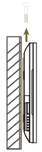
Power Adapter information:
Input: Adapter 12V ⎓ 1.5A
Input: PoE 44V - 57V ⎓ 0.4A
NOTE: Operating Temperature: 0~40°C

Qbic Technology Co.,Ltd.26F.-12,No.99.Sec.1,
Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan(R.O.C)
TEL:886-2-2697-2000 FAX:886-2-2697-2868

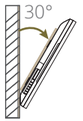
CAUTION
Risk of explosion if the battery is replaced by an incorrect type Wait one-half hour after switching off before handling parts

Removal

STEP 1
Remove the top screw connecting the Luminen 10 to the bracket

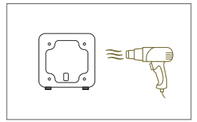


STEP 2
With both hands supporting the top and bottom of the Luminen 10, carefully tilt the top section of Luminen 10 downward 30°

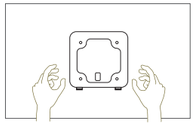


STEP 3
Gently pull the Luminen 10 down to remove from bracket

STEP 4
Apply hot air gun to the tape beneath bracket until loose



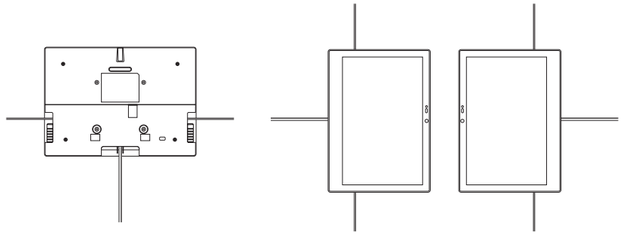
STEP 5
Slowly pull the tape and the bracket downward off the surface



NOTE:

◎ DO NOT remove bracket or tape from surface forcefully. Excessive force during removal may lead to damaged surface.

Variable Installation

Discrete Cable Outlets

Luminen 10 is designed for landscape or portrait installation with a discreet cable management system.