

ASUS DL101 User Manual



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Package contents

NOTE:

- If any of the following items is damaged or missing, contact your retailer.
- The illustrated items below are for reference only.
- Specifications subject to change without notice.



Product overview

Front View



NOTE: Use your palm to touch the touchscreen panel, or place your finger on the NFC logo for at least 1 second to activate the keypad.

Back View



NOTE: Refer to *LED information* section for more details on the LED status indicator.

LED information

The LED status indicator helps identify the current status of your ASUS DL101. Refer to the following table for details:

Color	Status	Description	
	Battery inserted	LED lights up for 2 seconds	
Solid Blue	Disconnected with gateway	Press Join button for 5 seconds to reset (LED lights up for 5 seconds)	
	Identifying device	Use companion app to identify which device is connected to the gateway	
Blinking Blue	Connected with gateway	Press Join button for 1 second (LED blinks for 5 seconds)	
Blinking Red	Low battery warning	Blinks for 5 seconds after unlocking	

Safety notices

- Replace all batteries immediately when the low-battery warning sounds.
- DO NOT mix old batteries with new batteries.
- DO NOT mix batteries from different brands.
- DO NOT mix alkaline and carbon-zinc batteries.
- Insert the batteries according to the correct polarity.
- DO NOT attempt to repair the product yourself.
- Change your codes regularly.
- Minimize the exposure to moisture including wet hands and direct contact with liquids.
- Use soft, dry cloth to clean and avoid cleaning with water, alcohol or other chemicals.
- DO NOT exert excessive force or use sharp objects on the touchscreen panel.

Getting started

Determining door status

Take note of which direction your door will be opened before installing your ASUS DL101, the orientation will be different for left-handed doors and right-handed doors.



Left-handed door when viewed from the outside.

Setting lock direction

Enter master password (default: 0000) then press <ok< b="">></ok<>	Press < 0> then press < OK >
---	--



Right-handed door when viewed from the outside.

NOTE: Set the lock direction after your ASUS DL101 is installed. When the ASUS DL101 is unlocked, touch the panel, then press **<OK>** to enter programming mode.

Preparing your door

NOTE: The installation steps shown in this manual is for a left-handed door and for reference only.

 Adjust the lockbolt length to fit your door by rotating it clockwise or anticlockwise.



 Attach the drilling template to the door and mark it with a pen.



3. Drill the cross bore hole and bore hole as indicated on the template.



NOTE: The center of the cross bore hole will vary per thickness of the door.

4. Insert the deadbolt into the door and mark the face plate.



4. Chisel out a 4 mm recess for the face plate along the marked lines.



 Insert the deadbolt again and close the door, then mark the door frame with the lock bolt and the face plate.



 Chisel out a 2 mm recess for the strike plate along the marked lines, then drill a hole deep enough for the locking bolt (at least 2.5 mm).



Installing your ASUS DL101

NOTE: The installation steps shown in this manual is for a left-handed door and for reference only.

 Insert the strike plate into the door frame, then secure it with the bundled short screws.



 Insert the deadbolt into the door, then secure it with the bundled short screws.



3. Align the blade and insert it into the cross shaped opening on the deadbolt, then pass the cable through the opening on top of the deadbolt.



4. Align the mounting plate and install it, then secure the mounting plate with the bundled long screws.

NOTE: Ensure to pass the blade through the blade opening, and pass the cable through the cable opening.



5. Locate the opening labeled **OPEN** on the cover, then insert your key into the opening and tilt it downwards to release the cover.



6. Connect the cable of the exterior unit to the interior unit, then align the interior unit and install it.

NOTE:

- Ensure to connect the cable in the correct orientation (black to black and red to red).
- Ensure that the thumbturn lever is in the open position.



7. Secure the interior unit with the bundled medium screws, then install four 1.5V AA batteries and the cover.

NOTE: Ensure the batteries are installed in the correct polarity.



Connecting to your ASUS Smart Home

- 1. Remove the cover on your interior unit.
- 2. Launch the ASUS Smart Home companion app.
- 3. Navigate to the Add Device page and tap **Add Device**.
- 4. Locate the **Join button** on your device.
- 5. Short press the **Join button** and follow the onscreen instructions.

NOTE: Ensure that your device is within 50 meters of your HG 100, and there are no obstructions such as thick solid walls or other electronic devices that may cause interference.

Unlocking the ASUS DL101

You can unlock the ASUS DL101 with a user password, one time password (OTP), user card, key, or the companion app.

When an incorrect password has been entered for five times, the alarm in the ASUS DL101 will go off, the touchscreen panel will be locked for two (2) minutes, and a warning message will be sent to all the family members connected to the HG 100.

The DL101 comes with an anti-lock picking mechanism, when the micro sensors on either side of the cylinder is pressed for 10 seconds, the alarm in the ASUS DL101 will go off for thirty (30) seconds. Use an user password, user card, or the companion app to disable the alarm.

NOTE: Refer to *Setting up passwords* section for more details on setting a password.

Unlocking with a key

Insert your key into the keyhole	Turn the key
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Unlocking with a password

Touch the panel Press the illuminated numbers (two to four numbers)	Enter user password	Press
---	------------------------	-------

Unlocking with a user card

Touch the panel	Touch the panel with your user card
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Unlocking with the companion app

Launch the ASUS Smart Home companion app	Navigate to the ASUS DL101 device	Move the slider to unlock
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Locking the ASUS DL101

Locking with a key

Turn the key

Locking with the touch panel

Touch the panel	Press
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Locking with the companion app

Locking automatically

You can set the ASUS DL101 to automatically lock after it is closed for thirty (30) seconds.

NOTE: Refer to *Setting locking mode* section for more details on setting the locking mode.

Programming the ASUS DL101

The ASUS DL101 can register one (1) master password and nine (9) passwords (user password, one time password (OTP), and user card). You can also configure the settings of the DL101 to suit your needs.

NOTE: When the ASUS DL101 is unlocked, touch the panel, then press **<OK>** to enter programming mode.

Setting a new master password

Enter old master password (default: 0000) then press <ok< b="">></ok<>	Press < 1> then press < OK >	Enter new master password (four to eight digits) then press <ok< b="">></ok<>
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NOTE: The master password is for programming the ASUS DL101 only and cannot be used to unlock.

Setting a new user password

Enter master password (default: 0000) then press <ok></ok>	Press < 2 > then press < OK >	Enter a new user password (four to ten digits) then press <ok< b="">></ok<>	Panel will repeat the user password sequentially
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Setting a new user card

Enter master password (default: 0000) then press <ok< b="">></ok<>	Press < 2 > then press < OK >	Touch the panel with your user card then press < OK >	Panel will show the slot number this card occupies
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NOTE:

- The ASUS DL101 supports user cards with MIFARE, Felica, and smartphones with NFC.
- NFC function on Android smartphones vary per manufacturer, download the ASUS Smart Door Lock app to help set up your smart phone for the first time.

Deleting an user password

Enter master password (default: 0000) then press <ok< b="">></ok<>	Press < 3 > then press < OK >	Enter the user password you want to delete then press <ok< b="">></ok<>
---	--	--

Deleting an user card

Deleting all user passwords and user cards

Enter master password (default: 0000) then press <ok< b="">></ok<>	Press < 4 > then press < OK >
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Setting an one time password (OTP)

Enter master password (default: 0000) then press <ok< b="">></ok<>	Press < 5 > then press < OK >	Enter OTP password (four to ten digits) then press <ok< b="">></ok<>
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NOTE:

- You can only have one OTP at a time.
- The one time password cannot be the same as the user password or the emergency password.
- The one time password can only be used once, set an one time password if you need it again.

Setting an emergency password

NOTE:

- You can only have one emergency password at a time.
- The emergency password cannot be the same as the user password or the one time password.
- The emergency password can be used repeatedly, you can change the emergency password if needed.

Disabling the ASUS DL101 temporarily

Enter master password (default: 0000) then press <ok></ok>	Press < 7 > then press < OK >
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NOTE: When you disable the ASUS DL101, the ASUS DL101 can only be unlocked by using the key or the companion app.

Enabling/Disabling automatic locking

Enter master password (default: 0000) then press <**OK**> Press <**8**> then press <**0K**>

NOTE:

- This function is disabled by default.
- When you enable this function, the door will automatically lock after it is closed for thirty (30) seconds.
- To disable this function, repeat the above steps.

Enabling/Disabling keypad sound

Enter master password (default: 0000) then press <ok></ok>	Press < 9> then press < OK >
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Resetting to factory settings

- 1. Locate the **Reset button** on your device.
- 2. Press and hold the **Reset button** for at least five (5) seconds until the blue LED lights up.
- 3. Wait till the blue LED goes out to complete the reset.

Troubleshooting

After installing and inserting batteries for the first time, pressing <OK> does not lock the door. (short beep)

Problem: The lock direction is not set up yet.

Resolution: Ensure to set the lock direction first after your ASUS DL101 is installed.

2. After installing and inserting batteries for the first time, there is no response when I press any key. (no beep and no panel light)

- Problem: The batteries are faulty or the cable is not in the correct orientation.
- Resolution: Ensure the batteries are inserted in the correct polarity and the cable is in the correct orientation.

3. I cannot set the lock direction. (motor turns, door cannot open, long beep)

Problem: The lock direction in the memory is incorrect or different from the door (such as installing the lock to a new door).

Resolution: Locate the **Reset button** and perform a factory reset.

4. I can set the lock direction, but door would not lock. (red LED light blinks, three long beeps, motor turns slowly, lockbolt stuck, thumbturn lever jammed)

Problem: The batteries are low.

Resolution: Replace the batteries.

I can lock the door, but I cannot unlock the door when I enter my password. (long beep)

Problem: The micro mechanisms are faulty.

Resolution: Unlock the door with your keys and contact your retailer.

6. When the door is closed, pressing A locks the door, but a long beep goes off. When the door is open, pressing A locks the door, and no beep goes off.

Problem: • The hole for the locking bolt is not deep enough.

- The lockbolt is misaligned with the strike plate.
- Resolution: Drill the hole deep enough for the locking bolt (at least 2.5 mm).
 - Adjust the strike plate position.

Federal Communications Commission Interference Statement

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.

CAUTION! Any changes or modifications not expressly approved by the grantee of this device 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.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Canada, Industry Canada (IC) Notices

This device complies with Canada 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.

Canada, avis d'Industry Canada (IC)

Cet appareil est conforme avec Industrie Canada exemptes de licence RSS standard(s).

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son 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).

Regional notice for California

WARNING! This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Wash hands after handling.

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Drilling template (70 mm lockbolt)





Drilling template (60 mm lockbolt)