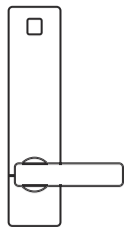**HDL-6200SK** Password/RFID/Key
HDL-6290SK Password/RFID/Fingerprint/Key

Sturdy & solid
Door lock with less concern about
after sales service

Etiquette feature
Optional mute operation available for
silent night entry

Auto Lock / Relock / Double lock function
Convenience and safety centric design for
users

Multiple accessibility
(Password / RFID / Finger print)
Supports up to 5 passwords,
100 RFID / Finger print
(Finger print feature is only appicable for
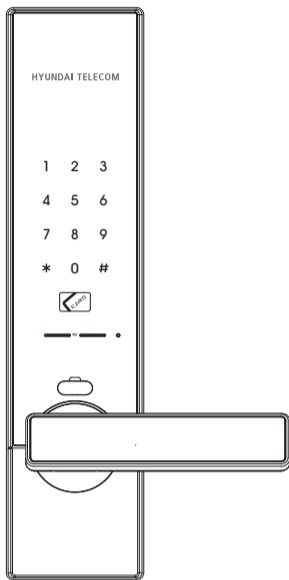the Finger print models)

Remote control feature
Quick and easy control of the lock over
wireless remote control
(Wireless receiver and controller sold separately)

Emergency power supply (9V battery)
Designed to supply power using 9V battery
from outside when the lock batteries are
flat and not operable

Safety against High voltage attack / hacking / fire
Desigined in high voltage / hacking attack proof
High temerature sensor embedded to ensure safe escape in case of fire

HYUNDAI TELECOM

PTMP5530ONTA REV.01

MUST READ

· Please read the manual thoroughly before use.
· Change the passwords on regular basis for security.
· Do not insert battery the wrong way, as it may result to leakage or rupture.
· Replace all batteries to new ones when the batteries are low and
  don't use with old ones.
· Do not attempt to install, disassemble or repair by yourself.
· Use a soft and dry cloth to clean the product.
· Do not press or insert with a sharp object.
· Do not use the digital door lock for any other purpose.
· Do not let water get into the product.
· Do not cause severe impact to the product.
· Please keep and store warranty card for AS purpose

⚠ **There might be incurred service cost if the product is installed by your own and required for service. Please make sure to install the product by qualified installation engineers.**

Product Specification

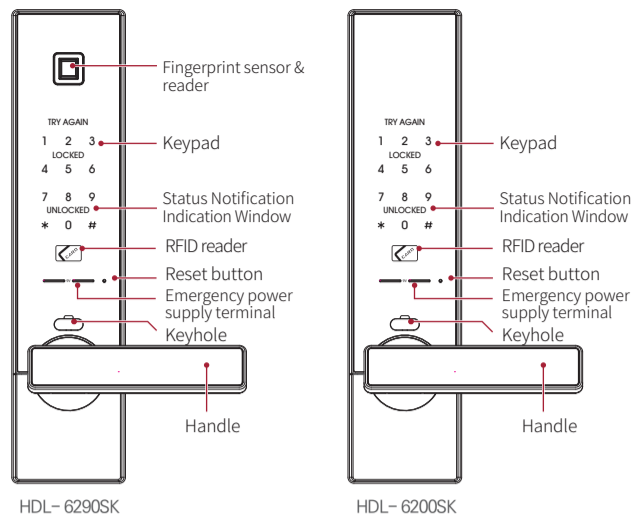| Installation	Fire proof door	Door thickness 40mm~50mm
Opening Method	Passcode	4~12 digits (up to 5 Passwords)
	RFID	Up to 100 RFID cards
	Fingerprint	Up to 100 Fingerprints (Fingerprint model only)
Rated Voltage	DC 6V	LR6 1.5V AA alkaline battery
Emergency Power	DC 9V	6LF22 alkaline battery (Sold separately)
Type & Mark	D - N F - T - K - M	DC, non-fireproof, Temperature sensing, mechanical override key, lever
	D - N F - T - K - M	DC, non-fireproof, Temperature sensing, mechanical override key, lever
High Temperature	Temperature sensor type	72°C±5°C(in lab) 62°C±5°C (in normal circumstance)
Material	Outdoor Unit	PC, ABS
	Indoor Unit	PC, ABS

RF Specifications

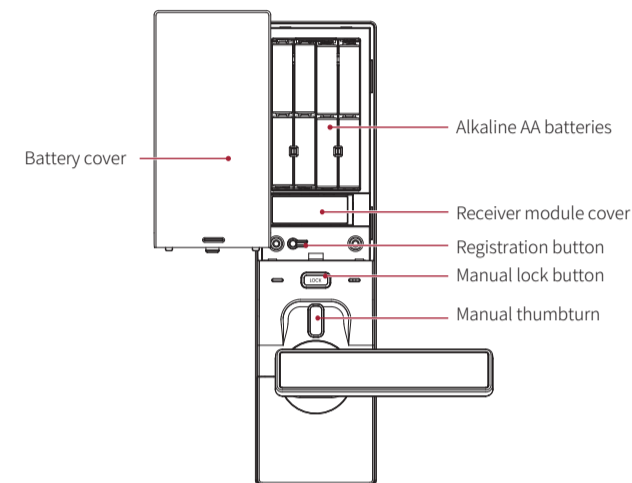| RFID		Wireless device for Safety system	
Used Frequency	13.56Mhz	Used Frequency	13.56Mhz
No. of channel	1	No. of channel	1
Modulation type	ASK	Modulation type	FSK
Wireless power	Under 93.5dBuV/m@10m	Wireless power	under 10mW

※ **Caution in Master mode** (Only applicable for supporting models)
· Master mode is for easier management of muti residential building.
· The administrator who set the master mode can manage the master code and
  master RFID.
· If master code/master RFID are registered, there will be 'beep beep' sound when
  the registration button is pressed.
· The administrator will have the sole responsibility of maseter mode setting and use.
· Please contact to the administrator if master code and RFID need to be updated or
  deleted.

Outdoor Unit

- Fingerprint sensor & reader
- Keypad
- Status Notification Indication Window
- RFID reader
- Reset button
- Emergency power supply terminal
- Keyhole
- Handle

HDL– 6290SK   HDL– 6200SK

Indoor Unit

- Battery cover
- Alkaline AA batteries
- Receiver module cover
- Registration button
- Manual lock button
- Manual thumbturn

Product Components

* Components may vary depending on the installation condition.

Mortise	Mortise shaft	Screws
User manual	RFID cards	AA batteries
Installation guide	Drilling template	Mechanical Keys
Remote control, receiver module, VDP(Sold separately)		

How to Register Passwords   · Make sure the door is open

1. Remove the battery cover and press [Registration] button.
2. Enter 4~12 digit password.
3. Press [*] button and you will hear a beeping sound and the setting will be completed.

· Repeat steps 2 and 3 to register additional passwords before the keypad light goes out.

· Up to 5 passwords can be registered.
· Registration process will be canceled if there is no input for 10 seconds during the process.
· Pre-registered passwords will be deleted when new passwords are registered.

How to Register RFID Cards   · Make sure the door is open

1. Remove the battery cover and press [Registration] button.
2. Tag the RFID card against the reader (Registration confirmation alarm will sound for each tag)
3. Press [*] button and you will hear a beeping sound and the setting will be completed.

· Repeat step 2 to register additional RFID cards before the keypad light goes out.

· Up to 100 RFID cards can be registered.
· Registration process will be canceled if there is no input for 10 seconds during the process.
· Pre-registered RFID cards will be deleted when new RFID cards are registered.
· Register multiple RFID cards at once.
· RFID cards other than the provided RFID cards, cannot be registered.

How to Register Fingerprints   · Make sure the door is open (for 3way type model)

1. Remove the battery cover and press [Registration] button.
2. Place your finger on the fingerprint reader and scan for 3 times according to the number of scan displayed on the keypad.
3. Press [*] button and you will hear a beeping sound and the setting will be completed.

· Repeat step 2 to register additional fingerprints before the keypad light goes out.

· Up to 100 fingerprints can be registered.
· Pre-registered fingerprints will NOT be deleted when new fingerprints are registered.
· Delete all registered fingerprints before registering new fingerprints.
· Registration process will be canceled if there is no input for 10 seconds during the process.
· Damaged or juvenile fingerprints might not be recognized.
· Sweat, moisture or foreign materials on the fingerprint could cause poor recognition.

How to Delete RFID Cards/Fingerprints

Delete 3way type model (RFID Cards / Fingerprints)

1. Remove the battery cover and press [Registration] button.
2. [8] Button: Delete RFID Cards
   [9] Button: Delete Fingerprints
3. Press [#] button for 5 seconds, then all the registered credentials will be deleted with an alarm.

Delete RFID Cards   Delete Fingerprints

Delete 2way type model (RFID Cards)

1. Remove the battery cover and press [Registration] button.
2. [#] Button for 5 Seconds delete RFID Cards
3. Registered RFID cards will be deleted with an alarm

~ 5 sec

Opening with Password

1. Touch the keypad.
2. Enter the correct password.
3. Press [*] button to unlock.

· Enter random number before or after step 2 for stronger security
· Press [#] button before step 2 to unlock silently.

· Use random number function if you feel insecure.
  (Password including random number must be less then 20 digits)
· Alarm will go off for 1 minute and unserviceable if wrong password is entered
  5 consecutive times. Try again after 1 minute or when the alarm is turned off.
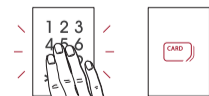
Opening with RFID Card

| Auto Detection Mode

Tag the RFID card against the RFID reader.

| Manual Detection Mode

Touch the keypad and then tag the RFID card against the RFID reader.

· Touch they keypad and press [#] button before tagging the RFID card to unlock silently.

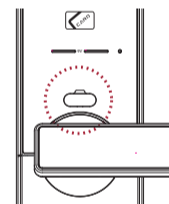· Default mode: Auto Detection Mode

Opening with Fingerprint

1.Touch on the fingerprint scanner with the registered finger.
2. Door to be unlocked with unlocking sound.

· Touch the keypad and press [#] button before scanning your fingerprint to unlock silently.

Opening with Keys

Insert the mechanical key into the keyway and turn left / right to open the door.

Opening from Inside

Press the handle downwards to open the door.

Turn the manual thumbturn left to unlock the door

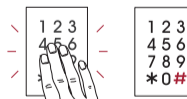· The door will be automatically locked if the door is not opened within 7 seconds.

Locking from Outside

| Automatic Lock Mode

It will be automatically locked in 2 seconds after the door is closed.

| Manual Lock Mode

While the door is closed, touch the keypad and then press [#] button.

· Default mode : Automatic lock mode
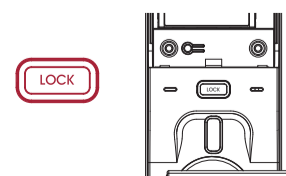· Please refer to Auto/Manual lock mode for more details

Locking from Inside

| Automatic Lock Mode

It will be automatically locked in 2 seconds after the door is closed.

| Manual Lock Mode

While the door is closed, press [Lock] button to lock the door.

LOCK

· Please refer to Auto/Manual lock mode for more details

Internal Double Lock
· Prevents opening the door from the outside.

| How to set

While the door is locked, press [Lock] button for 3 seconds and double lock will be enabled with the confirmation alarm.

LOCK
~ 3 Sec

| How to release

Unlocking from inside by lever handle or by pressing [Lock] button will disable internal double lock.

RFID Card Auto/Manual Detection Mode

1. Touch the keypad.

2. Enter password and press [#] button twice.

3. [1] Button: Auto detection
[3] Button: Manual detection

Twice   Auto detection   Manual detection

· Default mode: Auto detection
· Under auto detection mode, RFID card will be scanned when tagged against the RFID reader.
· Under manual detection mode, you will have to touch the keypad and the tag the RFID card.

Auto/Manual Lock Mode

1. Touch the keypad.

2. Enter password and press [#] button twice.

3. [4] Button: Auto Lock
[7] Button: Manual Lock

Twice   Auto Lock   Manual Lock

· Default mode: Auto lock mode
· Under auto lock mode, the door will automatically lock in 2s after the door is closed.
· Under manual lock mode, it won't be locked even when the door is closed.
  You have to touch the keypad and then press [#] button or press [Manual Lock] button.
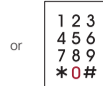
Door Open Alarm
· A feature to check the locking status from inside the door

1. Touch the keypad.

2. Enter password and press [#] button.

3. [2] Button: Enable
[0] Button: Disable

or

Enable   Disable

· Alarm will sound when the door is unlocked.
· Default mode: Door open alarm is disabled.

Volume Settings

1. Touch the keypad.

2. Enter password and press [#] button.

3. [3] Button: Higher Volume
[6] Button: Lower Volume

or

Higher   Lower

· Volume can be adjusted as 8 levels (Including mute).

Z-Wave settings

1. Touch the keypad.

2. Enter password and press [#] button twice.

3. [6] Button: Enable
[9] Button: Disable

or

Enable   Disable

· This setting can be set only under locked status

How to Register Accessories

| Registering Video Door Phone Module (VDP)

1. Remove the battery cover and press [Registration] button.

2. Press the [Registration] button on the VDP.

3. Press [*] button to complete registration.

| Registering Remote Control

1. Remove the battery cover and press [Registration] button.

2. Press [🔓] button on the remote control.

3. Press [*] button to complete registration.

| Deleting Module / Remote Control

1. Remove the battery cover and press [Registration] button.

2. Press the [0] button on the keypad

3. Press [#] button for 5 seconds to delete all registered accessories.

~ 5 sec

· Repeat number 2 from 'Registering Remote Control' to register additional remote controls.
  (Up to 5 devices)
· Registration process will be canceled if there is no input for 10 seconds during the process
· Pre-registered accessories will be deleted when new accessories are registered.
· All accessories are sold separately.

Alarm Functions

| Deadbolt Alarm

While opening/closing the door and when the deadbolt does not operate properly, the alarm will go off 3 times.

· When the alarm continues and does not operate properly, the position of the lock needs to be adjusted.

| Low Battery Alarm

After normal operation, the alarm will sound when the battery is low.

· The batteries must be replaced as it will eventually become flat.
· Replace all batteries to new ones.
· Do not mix the old and new batteries together.
· Do not use the batteries from different manufacturers.
· Make sure to insert the correct way to prevent leakage.

| How to Use Emergency Battery

1. Contact the 9V battery against the emergency power supply terminal.

2. Check whether the keypad is turned on. (Touch the keypad if the keypad is not turned on)

3. Enter password and press [*] button to unlock.

· When the batteries are completely flat, use an 9V battery to unlock the door.

Warning functions

| Break-in Alarm

If the digital door lock senses any signs of abnormal attempt to open the door while it is locked, the alarm will go off at a noise of 80dB.

· Remove the batteries, enter password, tag RFID card and/or scan fingerprint to turn off the alarm.

| High Temperature Alarm

If the digital door lock senses a high temperature (62°C $\pm$ 5°C), alarm will go off and unlock the door to ensure safe escape.

· The alarm could go off if the indoor unit is exposed to direct sunlight for many hours.
· The door will automatically unlock even in double lock mode.
· The alarm won't stop until the temperature cools down.

| Prank Prevention Alarm

When un-registered password, RFID card and / or Fingerprint are entered for 5 consecutive times, the alarm will go off and the door lock will stop operating for 1 minute.

· Please try again after 1 minute when the alarm is turned off.

Trouble Shooting

Trouble	Solution
There is no power	Check the direction of the batteries and whether they are flat. Replace all batteries to new batteries.
Can't register password	Remove the battery cover and press [Registration] button, and try to follow the registration method according to the user manual.
Door doesn't open after entering password and [*] button	Check whether the entered password is correct. The keypad should be illuminated while entering password.
Password/RFID Card /Fingerprint authenticated but doesn't unlock	Use a 9V battery to open the door. The lock could be broke, contact your nearest service center.
Low battery alarm keeps on going after using the digital door lock.	Replace all batteries to new batteries before it goes completely flat.
Doesn't automatically lock	Change the settings to Auto Lock Mode. When the batteries are flat, it only makes sound and doesn't operate. Please replace all batteries to new ones.

Product Certification

KC

Device type name	RFID / USN wireless device	
Model name	HDL-6200SK	HDL-6290SK
Seller	HYUNDAI TELECOM	
Manufactured	.	.

Prodcut Warranty Card

Model Name	
Serial Number	
Date of Purchase (installation)	
Installation center	
Installer	
Telephone	
Address	

· Please present this warranty card with the installation details when requst service
· The contents of product warranty is bounded to the description of this warranty card
· The Free of charge warranty is counted from the installation date in the card, so please make sure the installer write the date on the card
· The product look and features may be changed to improve the product without prior notice.

MEMO