

# Smart Pen Guide Book



## Smart Pen

Smart Pen is one of the peripheral devices of Smart Robot that reads 65,535 invisible codes printed in books or cards by using optical ID sensor. Smart Pen and Smart Robot are connected through Bluetooth communication. Smart Robot sends data of Smart Pen to the launcher and application.



# Precautions

Please read the following safety instructions carefully to avoid personal injury, damage to the property, and to protect your Robot from potential damage.

Safety instructions are divided into 'WARNING' and 'CAUTION' with following definitions.

- WARNING : Ignoring these instructions may lead to personal serious injury or death.
- CAUTION : Ignoring these instructions may lead to personal injury or property damage.



## Warning

- Do not use 3rd party's charger. Use dedicated charger included in the box only. It may cause over-voltage which brings product damage, electric shock, fire and explosion.
- Do not connect the charger to the electric transformers, travel AC converters or adapters. Use of adapters may cause fire or damage from overheating.
- Do not connect multiple electronic devices to single wall outlet at the same time. Use of multiple devices may cause fire or damage from overheating.
- Do not touch the charger with wet hands. May cause electric shock or fire.
- Keep the power cords away from sharp edged objects, children and pets.
- Make sure power cord is not bent, pressed by a heavy object. Power cord should be placed so that it will not be stepped on or tripped over. May cause electric shock, fire or potential safety hazard.
- Charger should be used in well ventilated area. Make sure not to use the charger while it is in a carrying case and that it is not covered by materials such as paper or cloth when being used. It may cause abnormal heating and fire.
- Make sure the charger power cord is properly plugged into the wall socket. Loose connection may cause fire or electric shock.
- Do not touch the pins of the power plug when connecting or disconnecting the power cord from the wall socket. May cause electric shock or fire.
- Do not use the charger during the electric storm. Charger should be disconnected from both the wall socket and the robot during the electric storm. May cause serious personal injury or fire.
- Make sure that children under 3 years old do not use the robot. It would be recommended not to use the robot near children under 3 years old.
- Never assemble, disassemble, modify the robot and charger on your own. Servicing should only be done by qualified service personnel. Any damages caused by attempted modification or service by non qualified person will void the manufacturer's limited warranty.
- Do not insert or poke the charge connector with objects that conduct electricity. May cause electric shock, fire, or personal injury.
- Do not expose the battery, charger and Robot to temperatures above 49°C (120°F) or to heat sources such as the radiator, fireplace, stove, electric heater, direct sunlight, and closed car during the summer. May cause fire, explosion, or degraded battery performance.
- Do not use the robot on unstable places like table, chair, desk, stair and etc. It may cause damage of product or injury.
- Do not use the robot in the places of expected falling objects or vibration. It may cause damage of product or injury.
- Make sure not to jam your fingers or any objects into the waist joints and wheels during robot movement. May cause serious injury or product damage.
- Do not sit, step on, put other materials on the robot. May cause serious injury or product damage.
- Do not spill, pour the liquid or sand on the robot. Do not bath the robot. It may cause serious electric shock and product damage.
- Do not use the robot in wet, humid place like bathroom, basin, wet floor. It may cause serious electric shock and product damage.

# Precautions

- In case of moving the robot from cold place to the warmer place, dew/moisture may be created on the surface / inside of the robot. In this case, turn off the robot power (if the power is on) and leave the robot more than 1 hours to remove the dew/moisture.
- Use soft, dry cloth to clean the robot surface. Wet cloth may cause electric shock and serious injury and rough cloth may cause scratches on the robot surface.
- The robot uses Li-Ion(Atti) and Li-Po(magic wand) battery. Please follow local recycling instruction for discard the battery.
- Do not use 3rd party's battery. Please contact your local reseller to replace the battery, and use genuine batteries provided by manufacturer. Otherwise, it may cause fire or explosion.
- For proper robot movement, please remove objects and obstacles such as wire, cloth, books, etc. It may cause fire or product damage.
- Keep the battery away from the children.
- In case the magnet in the wing copula is separated from the body due to the external shock, please make sure children not to swallow it. It may cause serious injury or death.
- Follow the temperature of 0 ~ +40°C for the product storage and use.



## Caution

- When lifting the robot out of the box, put your hand below the robot and lift by the body.  
(Do not grasp wings, feet, phone cover to lift the robot. Robot can be dropped.)
- Do not lift the robot by arm, leg, neck, or other part alone. Lift by holding the body. It may cause damage to the product.
- Store the robot in the original box or in another appropriate box to prevent damage during transportation or long storage.
- Battery will discharge naturally over period of time even when it was not in use. Charge the battery before using again.
- Do not drop or apply external shock to the robot. It may cause damage to the product.
- Robot may not respond to the remote control command while it is in motion. Do not force movement. Try the remote control after the robot has completed current motion.
- Robot may fall or not move if the surface is not flat, angled, slippery or filled with obstacles.
- Do not store the robot near a magnet or X-Ray. It may cause damage or produce malfunction in the product.
- Only use the robot indoors. Do not use the robot on rough surface such as concrete floors. It may cause damage to the product.
- Do not lubricate robot joints, wheels or other parts. It may cause damage to the product.
- Do not force to bend the waist of the robot. It may cause foreign substance jamming or damage to the product.
- In case of ringing in the ears, decrease the volume or cease to use of robot.

# Precautions

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## FCC ( Federal Communications Commission)

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not install and use 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 dose 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 in a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technical for help.

**WARNING:** this equipment may generate or use radio frequency energy. Changes or modifications or this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

This device complies with Par 15 of the FCC's Rules. Operation is subject to the following two Conditions:

- 1.This device may not cause harmful interference, and
- 2.This device must accept an interference received, interference received, including interference that may cause undesirable operation.

## CE(Communaut' Europeen)

Hereby, SK telecom. declares that this SmartPEN is in compliance with the essential requirements and other relevant provisions of directive (1999/5/EC.)

