

User Manual

WISE-4210 Series

ADVANTECH

Enabling an Intelligent Planet

Note! *Antenna for NA series should be ordered respectively based on the required frequency range.*



- 1750008836-01 863-870MHz Dipole Antenna for WISE-4210
- 1750008837-01 902-928MHz Dipole Antenna for WISE-4210

Note! *Battery needs to be ordered separately*



- 1760002647-01 3.6V/2500mAh AA Cylindrical Battery (non rechargeable)

Safety Instructions

1. Read these safety instructions carefully.
2. Keep this User Manual for later reference.
3. Disconnect this equipment from any AC outlet before cleaning. Use a damp cloth. Do not use liquid or spray detergents for cleaning.
4. For plug-in equipment, the power outlet socket must be located near the equipment and must be easily accessible.
5. Keep this equipment away from humidity.
6. Put this equipment on a reliable surface during installation. Dropping it or letting it fall may cause damage.
7. The openings on the enclosure are for air convection. Protect the equipment from overheating. **DO NOT COVER THE OPENINGS.**
8. Make sure the voltage of the power source is correct before connecting the equipment to the power outlet.
9. Position the power cord so that people cannot step on it. Do not place anything over the power cord.
10. All cautions and warnings on the equipment should be noted.
11. If the equipment is not used for a long time, disconnect it from the power source to avoid damage by transient overvoltage.
12. Never pour any liquid into an opening. This may cause fire or electrical shock.
13. Never open the equipment. For safety reasons, the equipment should be opened only by qualified service personnel.
14. If one of the following situations arises, get the equipment checked by service personnel:
 15. The power cord or plug is damaged.
 16. Liquid has penetrated into the equipment.
 17. The equipment has been exposed to moisture.
 18. The equipment does not work well, or you cannot get it to work according to the user's manual.
 19. The equipment has been dropped and damaged.
 20. The equipment has obvious signs of breakage.
21. **DO NOT LEAVE THIS EQUIPMENT IN AN ENVIRONMENT WHERE THE STORAGE TEMPERATURE MAY GO BELOW -20° C (-4° F) OR ABOVE 60° C (140° F). THIS COULD DAMAGE THE EQUIPMENT. THE EQUIPMENT SHOULD BE IN A CONTROLLED ENVIRONMENT.**
22. **CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE**

DETACHABLE ANTENNA USAGE

This radio transmitter (IC: 9404A-WISE4210 / Model: WISE-4210-S231, WISE-4210-S251, WISE-4210-AP, WISE-4210) has been approved by ISED to operate with the antenna type listed below with maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: M82-WISE4210 / Model: WISE-4210-S231, WISE-4210-S251, WISE-4210-AP, WISE-4210) a été approuvé par ISED pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Approved antenna(s) list

Type	Gain	Brand	Manufacturer
Dipole	2.19 dBi	Advantech	1750008836-01
Dipole	1.33 dBi	Advantech	1750008837-01

WISE-S214-A

- 1x WISE-S214-A I/O Module
- 1x China RoHS
- 4x Screws
- 1x I/O sticker

WISE-S250-A

- 1x WISE-S250-A I/O Module
- 1x China RoHS
- 4x Screws
- 1x I/O sticker

WISE-S251-A

- 1x WISE-S251-A I/O Module
- 1x China RoHS
- 4x Screws
- 1x I/O sticker

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Note! *Micro-B USB cable for configuring WISE-4210 nodes can be ordered optionally.*



- **1700023619-01** 1M micro USB type-B male to USB type-A male cable