

Quick Start Guide

GV-AS Controller



Thank you for purchasing GV-AS Controller (GV-AS100 / AS110 / AS120 / AS210 / AS400 / AS810). This guide is designed to assist the new user in getting immediate results from the GV-AS100 / AS110 / AS120 / AS210 / AS400 / AS810. For advanced information on how to use the GV-AS100 / AS110 / AS120 / AS210 / AS400 / AS810, please refer to GV-AS Controller User's Manual on Software DVD.



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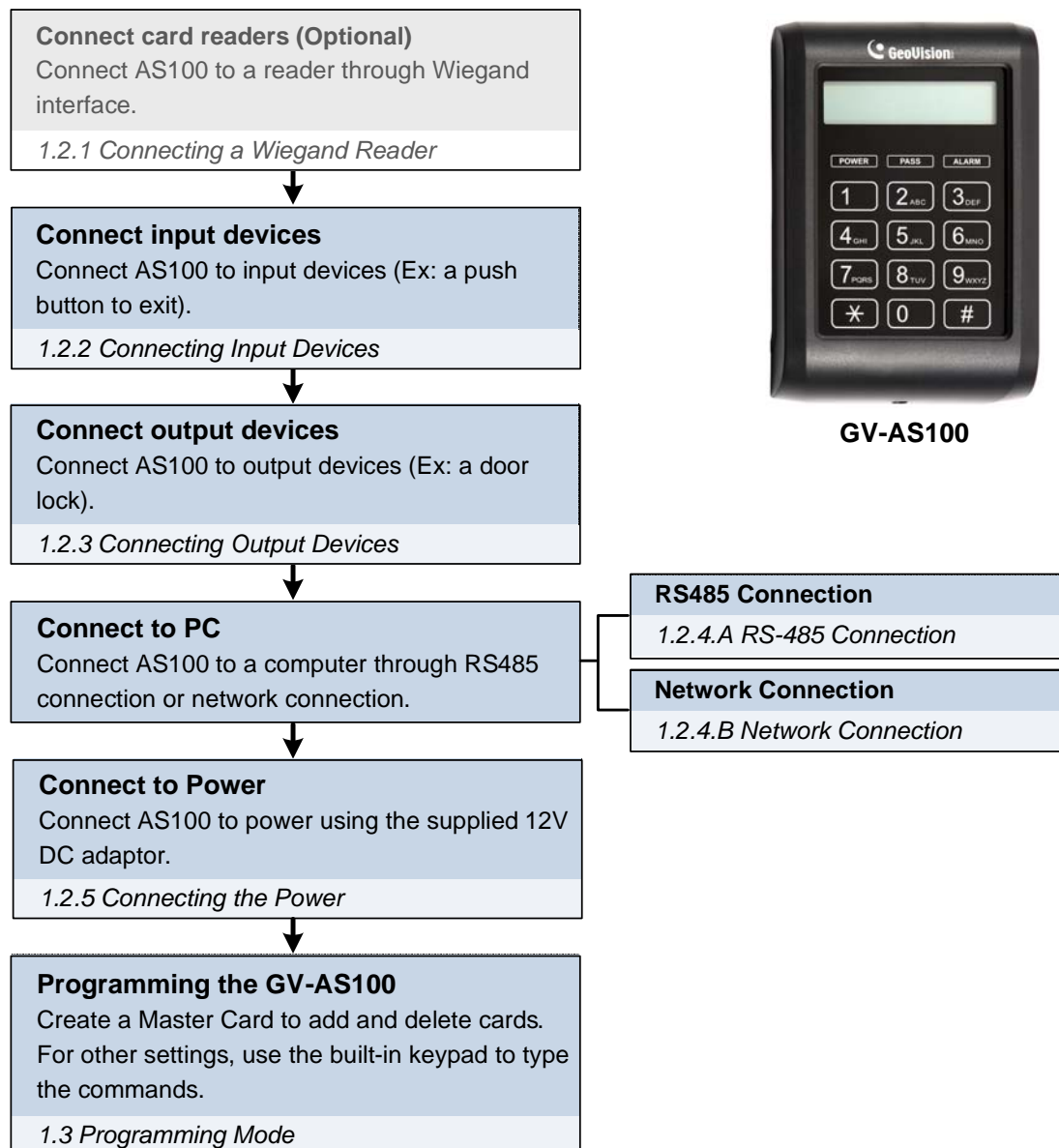
GV-AS Controller Quick Start Guide

This guide lists the basic steps required to set up a GV-AS Controller. For detailed instructions, refer to the section number listed below each step.

1. Basic Setup for GV-AS100 / 110 / 120

This section covers the basic settings required to start running GV-AS100 / 110 / 120. For more settings, refer to 5. *Optional Devices for GV-AS100 / 110 / 120*. The section numbers listed here refers to the *GV-AS Controller User Manual*.

1.1 GV-AS100



1.2 GV-AS110

Connect card readers (Optional)

Connect AS110 to a reader through Wiegand interface.

2.2.1 Connecting a Wiegand Reader



Connect input devices

Connect AS110 to input devices (Ex: a push button to exit).

2.2.2 Connecting Input Devices



Connect output devices

Connect AS110 to output devices (Ex: a door lock).

2.2.3 Connecting Output Devices



Connect to PC

Connect AS110 to a computer through RS485 connection or network connection.

RS485 Connection

2.2.4.A RS-485 Connection

Network Connection

2.2.4.B Network Connection



Connect to Power

Connect AS110 to power using the supplied 12V DC adaptor.

2.2.5 Connecting the Power



Programming the GV-AS110

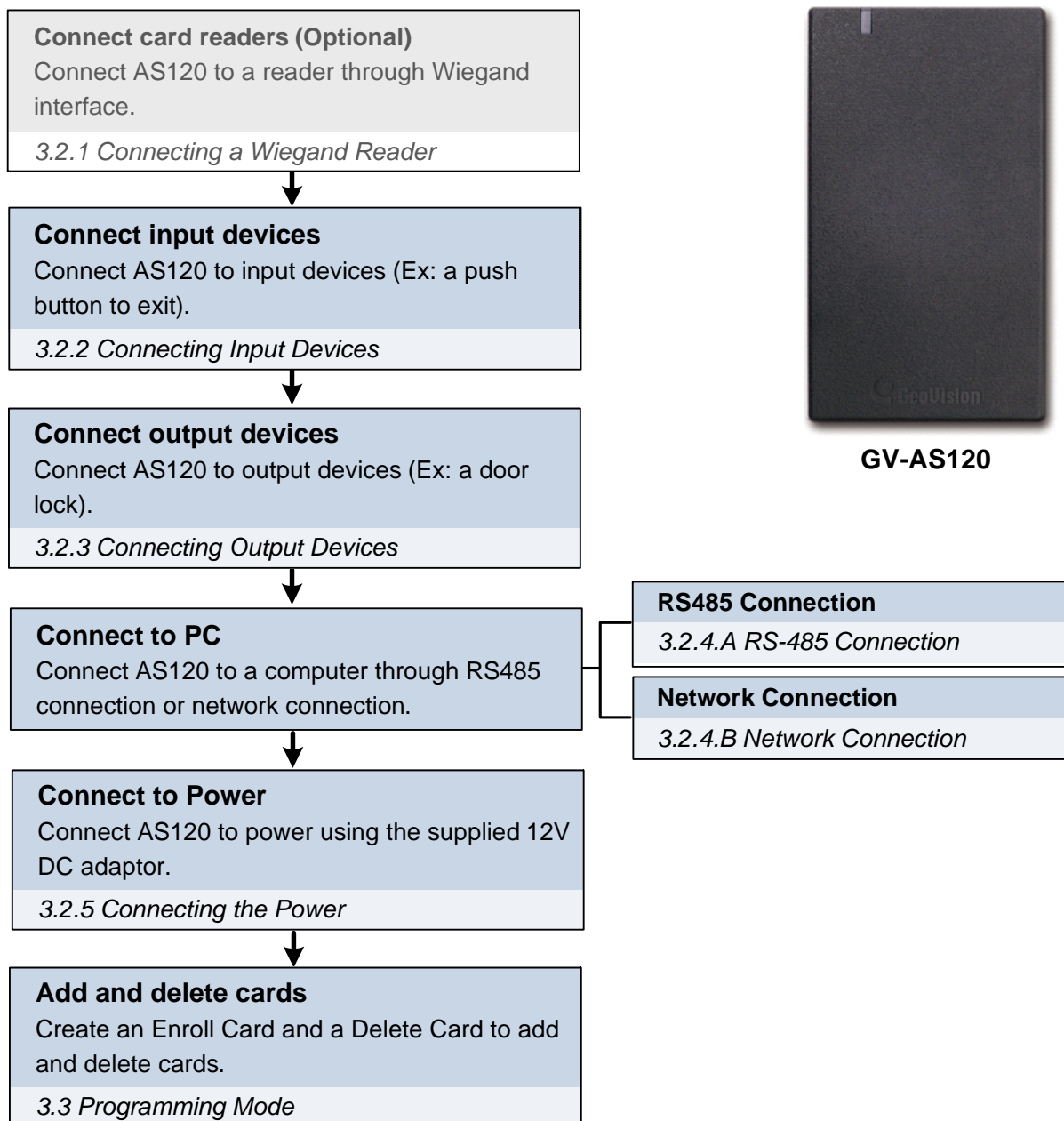
Create an Enroll Card and a Delete Card to add and delete cards. For other settings, use the built-in keypad to type the commands.

2.3 Programming Mode



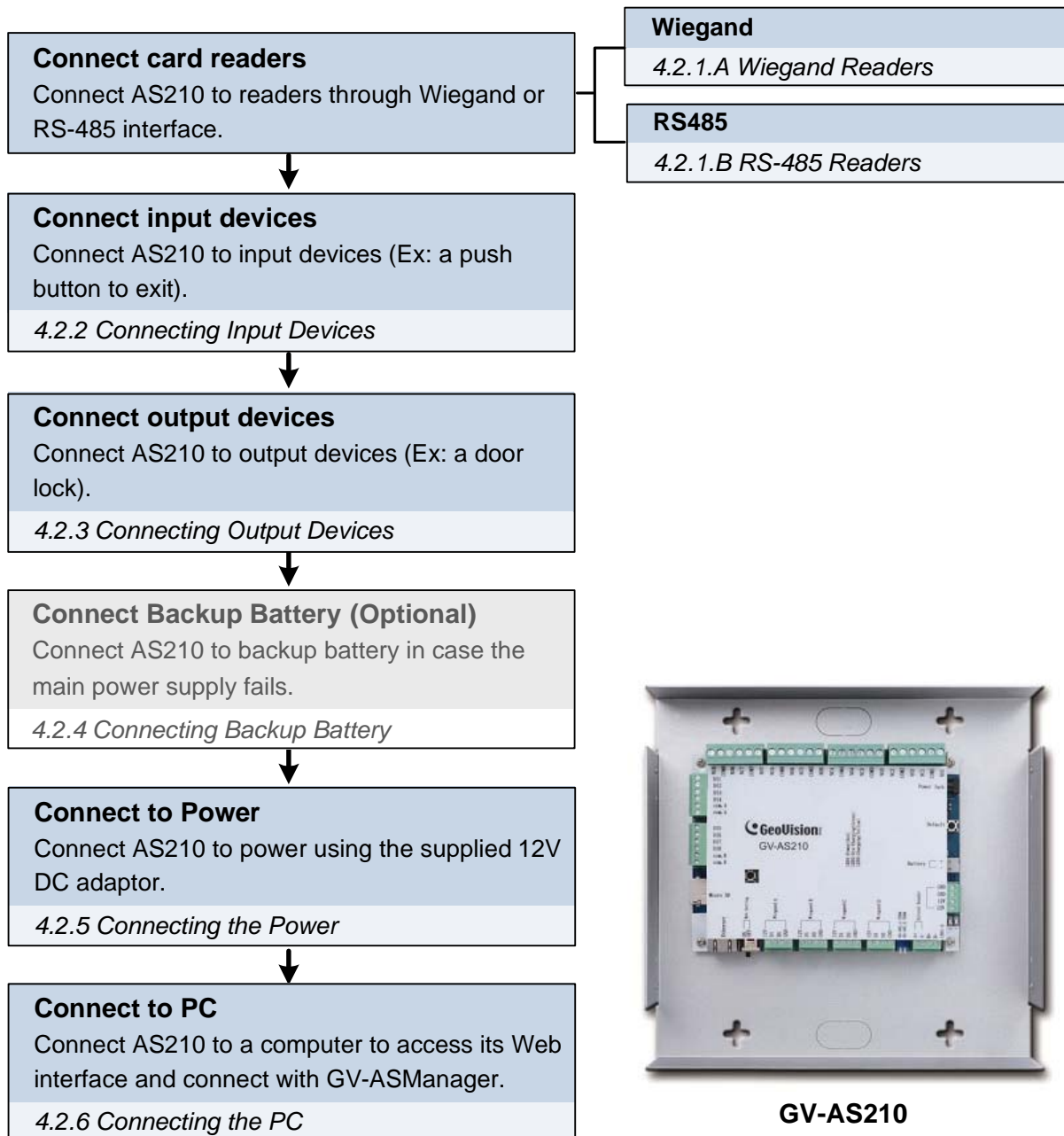
GV-AS110

1.3 GV-AS120

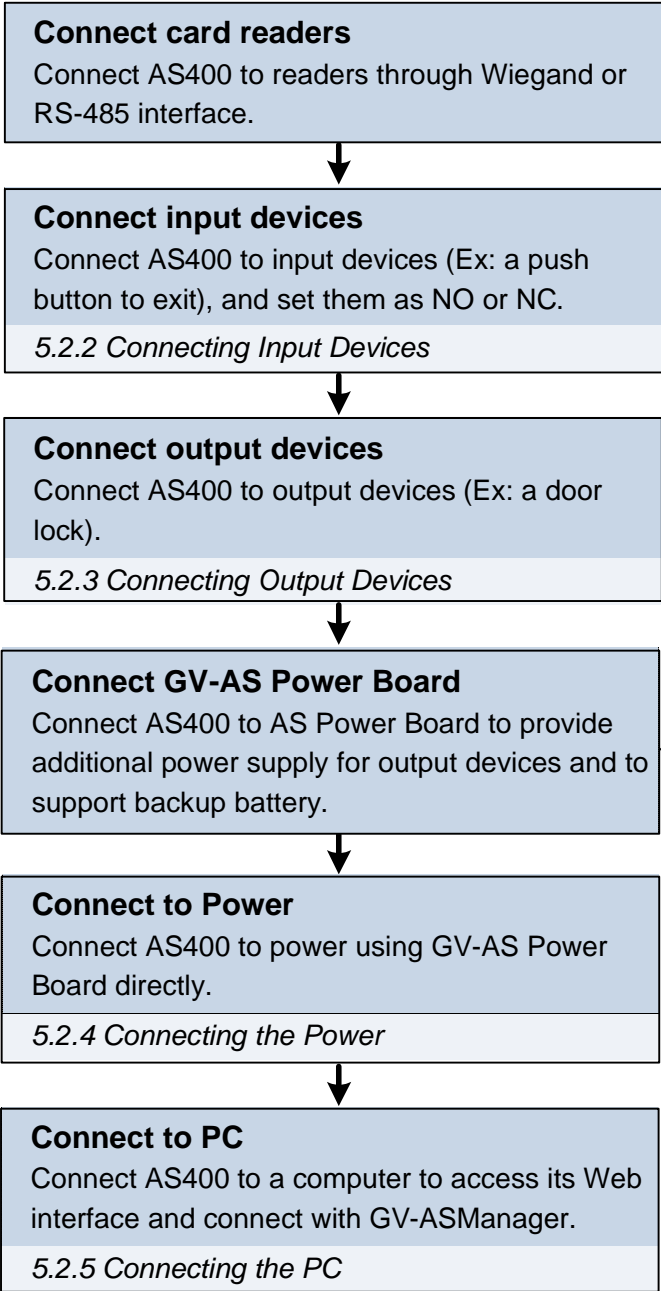


2. Physical Wiring for GV-AS210 / 400 / 810

2.1 GV-AS210




2.2 GV-AS400



- Wiegand**
5.2.1.A Wiegand Readers
- RS485**
5.2.1.B RS-485 Readers

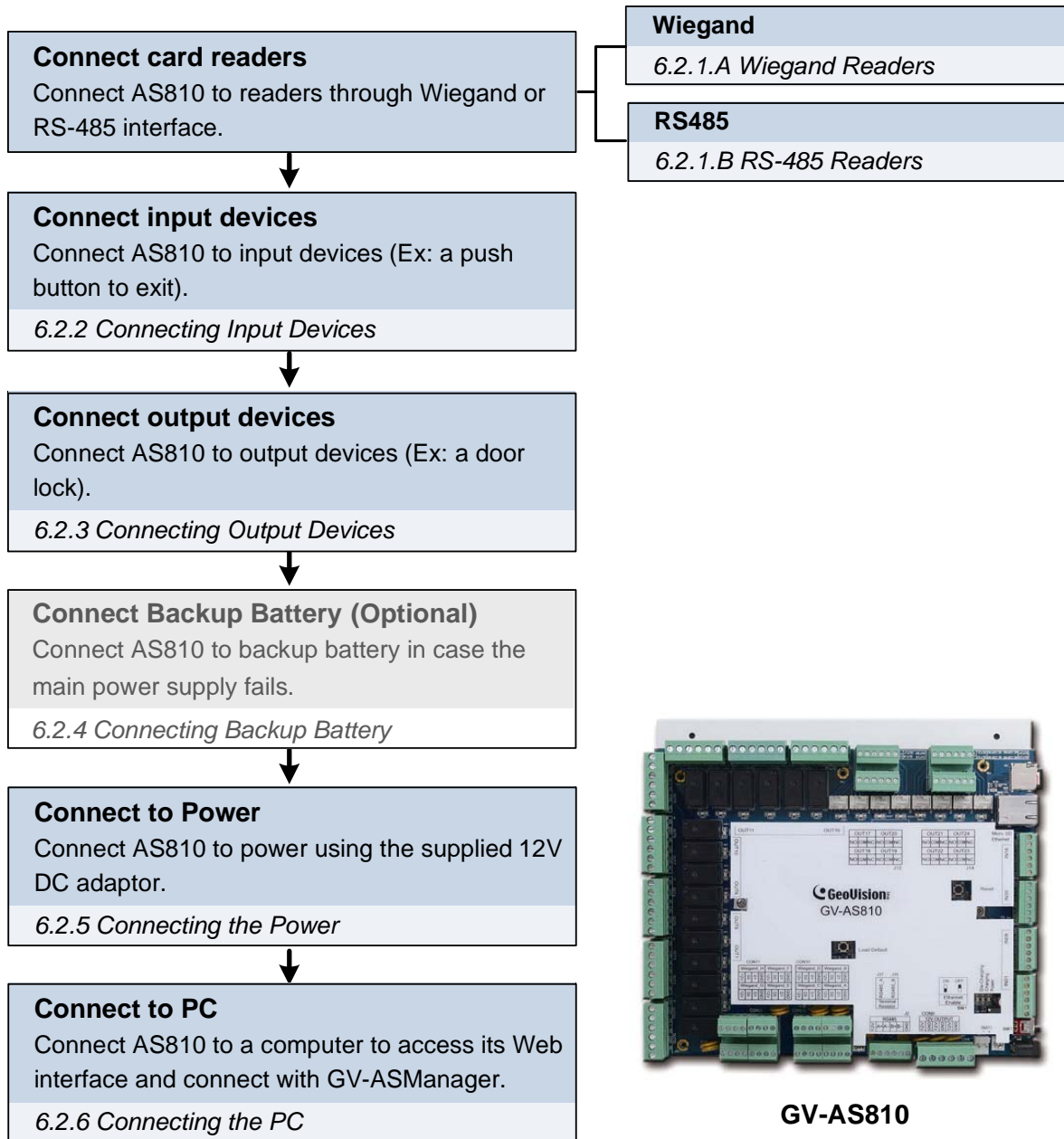
- Connect output**
5.6.2 Connecting Output Devices
- Connect backup battery (Optional)**
5.6.4 Connecting Backup Battery

 **Do not plug the supplied 24V DC power adaptor to the power input of GV-AS400.**



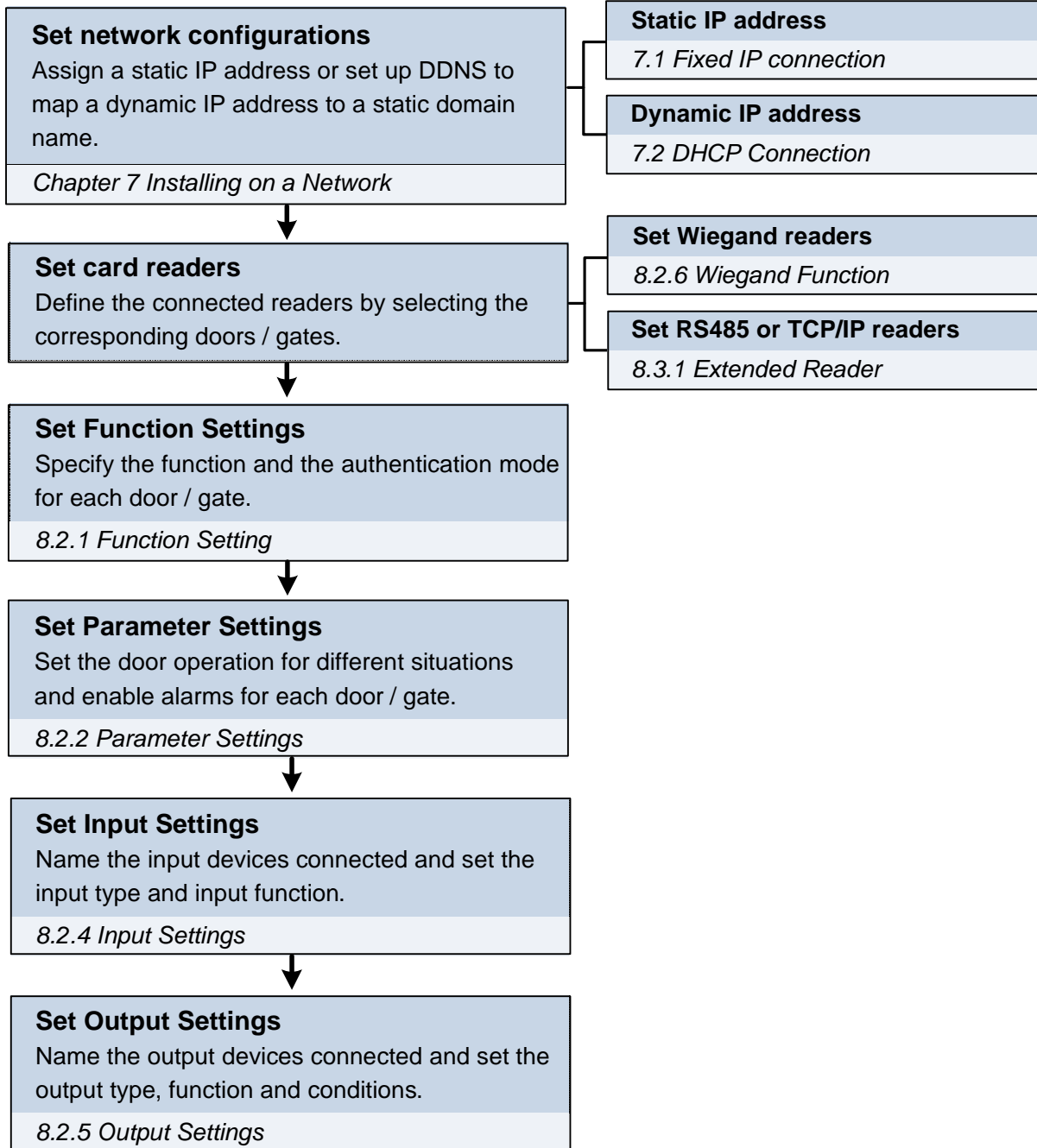
GV-AS400

2.3 GV-AS810



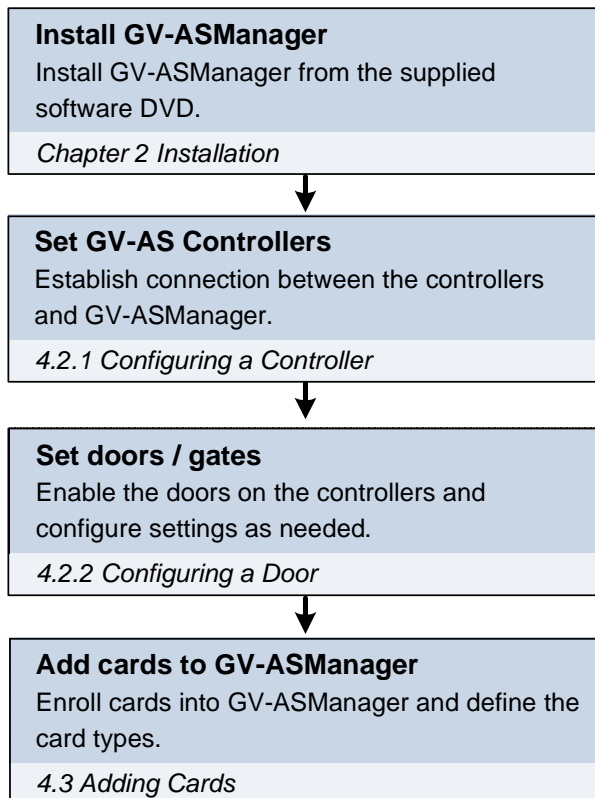
3. Accessing the Web Interface of GV-AS210 / 400 / 810

After connecting the required wires and cables for GV-AS210 / 400 / 810, access the Web interface of the GV-AS Controller to define the devices connected. The section numbers listed here refers to the *GV-AS Controller User Manual*.



4. Setting GV-AS Controller on GV-ASManager

After setting up the Web interface, connect the GV-AS Controller to a GV-ASManager. Through GV-ASManager, you can set up the doors and enroll cards. The section numbers listed here refers to the *GV-ASManager User Manual*.



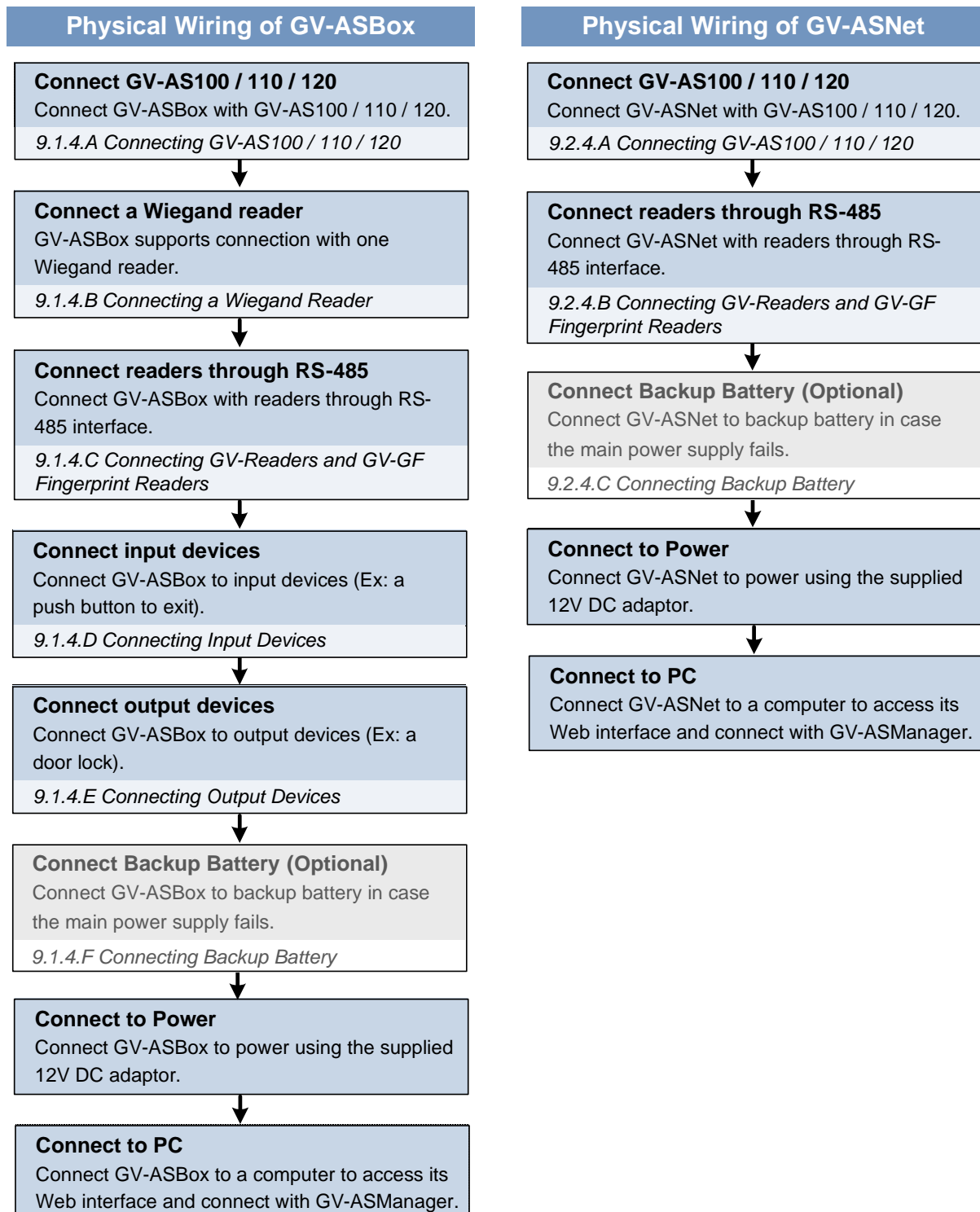
5. Optional Devices for GV-AS100 / 110 / 120

To access GV-AS100 / 110 / 120 on a network, an optional device GV-ASBox or GV-ASNet is required. GV-ASBox also supports connection with additional input devices, output devices and readers through Wiegand interface and RS-485 interface. GV-ASNet supports additional readers through RS-485 connection.

You will need to first complete the physical wiring of GV-ASBox or GV-ASNet before accessing the Web interface. After the controller is installed on a network, GV-AS100 / 110 / 120 can also connect with GV-ASManager for advanced settings. Refer to *4. Setting GV-AS Controller on GV-ASManager* for details.

5.1 Physical Wiring of GV-ASBox and GV-ASNet

The section numbers listed here refers to the *GV-AS Controller User Manual*.



5.2 Accessing the Web Interface of GV-AS100 / 110 / 120

The section numbers listed here refers to the *GV-AS Controller User Manual*.

