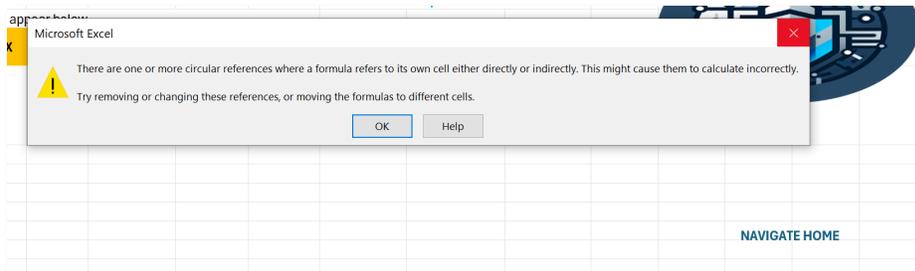




ALARMBuilder Pro™ is project planning software for authorized Bosch dealers. Conduct a site survey, obtain a device count, enter it into the worksheet, and **ALARMBuilder Pro™** will calculate the parts required, including accessories.

Known Bug

Upon launching **ALARMBuilder Pro™**, you may encounter the warning shown below. If this appears, simply click OK to continue.



Before You begin

Be sure to save a new copy of **ALARMBuilder Pro™** before overwriting this template.

Start Here

- The **SYSTEM DESIGNER** tab is the best option for general use. This tab contains all current Bosch intrusion panels, keypads, and accessories.
- The **UL 2050** tab is for projects which must comply with UL 2050 or ICD/ICS 705- generally, US government agencies and contractors. It only shows G series panels and includes tamper resistant enclosures as well as accessories approved by FPS.
- The **HIGH SECURITY** tab is for high threat environments such as pharmacies, jewelry stores, pawn shops, and cannabis dispensaries. It shows both B and G series panels as well as high security enclosures. Use this tab if your project must comply with UL 1610 standards.
- The **DISTRIBUTION** tab restricts your choices to B series panels and other devices that are available from Bosch distribution partners.
- The **FIRE** tab allows you to design a listed fire alarm system using UL 864 rated control panels and accessories.

Enter Your Requirements

Each tab has two places to enter your requirements. The green boxes allow you to enter your device counts directly. The blue boxes allow you to select options from the pulldown lists. Once you've entered at least one requirement, your bill of material will begin to populate. As you add more criteria, the bill of materials list will adjust.



Options:

- Inputs (for conventional points)
- Outputs
- Wireless (for wireless points)
- POPITs (for addressable points)
- Users
- Keypad count
- Areas
- Access control doors

Entering a number into any of these boxes will cause **ALARMBuilder Pro™** to recommend the *smallest* compatible panel. If there are two conflicting numbers, **ALARMBuilder Pro™** will recommend the smallest panel that is compatible with *both* requirements. For example, if you only need 5 points but you also need 30 keypads, **ALARMBuilder Pro™** will recommend the B9512G.

Once you have entered your device counts in the green boxes, select your options from the blue boxes.

- The cellular box lets you choose from Verizon or AT&T
- The wireless box lets you choose short range or long-range wireless, if you have entered any quantity of wireless transmitters in the green wireless box
- The keypad box lets you choose the type of keypad in combination with the quantity in the green keypad box.

The FIRE tab is a little different. The green boxes are:

- Conventional
- NAC
- Addressable
- Annunciators
- Areas

The blue boxes are:

- Cellular
- FAA Type

Remember that you *must* choose a cellular provider for a second path of communications (the panel includes an Ethernet port for IP monitoring).

The Bill of Materials

The bill of materials will populate and change as you enter your device counts, broken out by device counts. The parts list provides Bosch SKUs and includes recommended accessories.



- The first box in the bill of materials section is the control panel box. This will calculate the *smallest* control panel possible that meets all the requirements you enter.
- The next box is your keypads. Remember, you must enter a quantity in the green keypad box and select a keypad type in the blue keypad type box.
- The next box is your Octo-inputs, showing how many B208 modules you need.
- Octo-inputs shows you how many B308 modules you need.
- If you add any POPITs, the POPEX box will show you how many B299 modules you need, while the POPIT box will show you how many POPITs you need.
- You'll need somewhere to install all these modules, and the standard panel enclosure only fits four modules. The Enclosure field shows how many additional enclosures, backplates, locksets, and tampers you need to hold all these add-on modules.
- If you choose either Verizon or AT&T for your cellular path, the part number for the radio will appear in the next box.
- If you choose either long-range or short-range wireless, the receiver part number will appear in the next box.
- Finally, the last box will show the number of access door controller modules.

Additional Notes

The Fire tab does not offer a wireless receiver or access door controller modules but is the same otherwise.

ALARMBuilder Pro™ does not do a power calculation and cannot recommend auxiliary power supplies. To perform a meaningful power calculation, you would need to know the draw of the sensors as well as the notification appliances. **ALARMBuilder Pro™** does not recommend power supervision modules either.

WARNING: this calculator only generates a preliminary design. Please validate all part numbers and quantities at support@midches.com or with your [local Bosch intrusion detection representative](#). before finalizing. Sensors, output devices, auxiliary power supplies, and wireless repeaters may be required.

Help and Verification

- **ALARMBuilder Pro™** is only available to select partners
- [Click here to request ALARMBuilder Pro™](#)
- [Click here to request system design assistance](#)