What is the difference between Series 1, Series 2, and Series 3 hardware boards?

Last Modified on 01/12/2022 3:35 pm EST

Question

What is the difference between series 3, series 2, and series 1 hardware boards?
Examples of these boards include the LNL-1100 and LNL-1200 alarm panels, and LNL-1300 and LNL-1320 reader interface modules.

Answer

Some of the differences are listed below. For a complete list, refer to the appropriate Overview section in the Hardware Installation Guide.

- **Serial numbers**

	Access Panels	Starting Serial Number	Ending Serial Number
SCP Series	LNL-500	1005	544731
	LNL-1000	110	526046
	LNL-2000	129	528250
EP Series	LNL-2210	28	1063877
	LNL-2220	103	1081558
	LNL-3300	119	1025579
	LNL-4420	502590	1005822
LP Series	LNL-X2210	116	1003698
	LNL-X2220	129	1005744
	LNL-X3300	126	1001046
	LNL-X4420	123	1000259

	Downstream Devices	Starting Serial Number	Ending Serial Number
Series 1	LNL-1300	2550	145282
	LNL-1320	102	190243
	LNL-1100	158	21412
	LNL-1200	174	14004
	LNL-1300	150029	1039594
	LNL-1320	200026	1849609

Series 2	LNL-1100	40013	1020766
	LNL-1200	20013	1011129
Series 3	LNL-1300-S3	2000003	
	LNL-1320-S3	3000006	
	LNL-1100-S3	2000003	
	LNL-1200-S3	2000003	

- **Color**
  Series 3 boards are red.
  Series 2 and series 1 boards are green.
- **LEDs**
  Series 3 and 2 boards have LEDs mounted flush to the board. These LEDs are much brighter than the LEDs on series 1 boards.
  Series 1 boards have LEDs shaped like small bulbs. The LEDs are dim and sometimes they are difficult to see when lit.
- **Address settings**
  The LNL-1300 Series 3 has a switch block to set addresses.
  Series 2 and series 1 boards set addresses with jumpers.
- **Firmware revisions** change for series versions of the same board model. This particularly applies to LNL-1300 and LNL-1320 reader interface modules. Consult the "Lenel Access Control Hardware" compatibility chart on the Partner Center, located at the following address, to determine correct versions of firmware:

  http://partner.lenel.com

Applies To

All OnGuard versions

Additional Information

For a complete list and more details about the differences between series 3, series 2, and series 1 boards, refer to the Overview for each of the boards (LNL-1100, LNL-1200, LNL-1300, LNL-1320) in the Hardware Installation Guide.