



Release Notes

Hardware Change: Ranger[®]/RG 2200 Series Extender Systems Metal Faceplates



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1. Hardware Release Notes

The following notes are applicable to the rear metal faceplates of the USB 2.0 Ranger®/RG2200 series extender systems. Please note the Ranger/RG2211 is not included as it features a plastic enclosure housing without faceplates.

1.1 Overview

The rear metal faceplates for all 2200 based extender systems no longer have the ground tap marker (and associated symbol) and the voltage text has been simplified to read as 5VDC.

1.2 Reasons for the Change

Customer feedback indicated the ground tap marker was difficult to work with and required drilling to ensure proper contact. The recent hardware change for 2200 based extender systems with metal housings now provide four pre-threaded mounting holes on the bottom of the enclosure. If grounding is desired, any of these new mounting holes can be used for ground tapping.

1.3 Identified Issues

No new issues have been identified as a result of this change. Moreover, no impact to emissions or immunity performance has been observed or is expected.

1.4 Date of Effect

The modified faceplates started shipping in September 2014. The previous faceplate style is no longer available.

1.5 Details of the Change

The rear faceplates of both the local and remote extender units have been revised by removing the ground tap marker (and associated symbol) and the voltage text has been simplified to read as 5VDC. These changes apply to both silver and black faceplates.

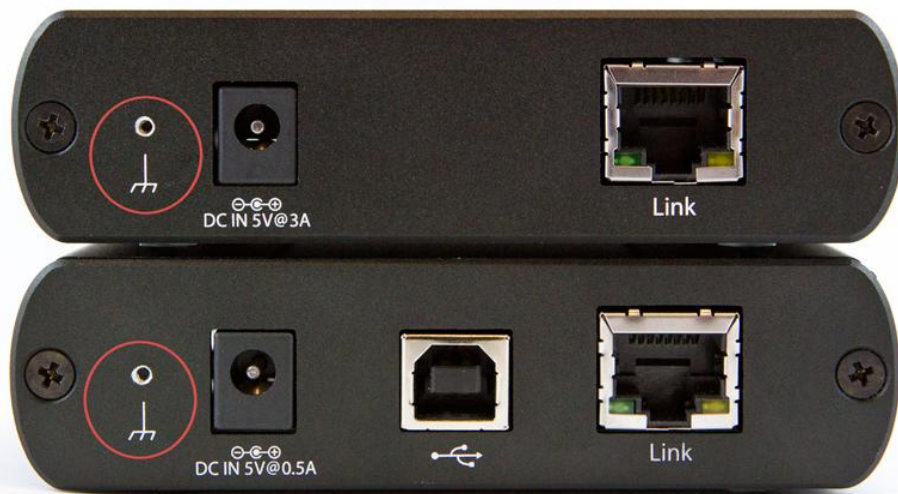


Figure 1 Previous faceplates with ground tap marker and symbol



Figure 2 New faceplates

Optional grounding capability (if required) is still available by connecting a screw and grounding wire to any one of the four pre-threaded mounting holes on the bottom of the enclosures. The previous grounding process required drilling into the marker on the rear faceplate.

1.5.1 Grounding Instructions

If your installation mandates grounding of the extender system enclosures, please refer to the instructions below. Both the local and remote extender units would need to be grounded. Note, while grounding does not impact the performance of the product, do not ground the extender units unless specified by your installation requirements.

Materials Required:

- 2 x M3.0 4mm Screws
- 2 x Crimp Connectors
- 2 x Wires (select size to accommodate your use case)
- 1 x Screwdriver

Step 1: Turn local extender unit over to expose unit's four mounting holes.



Figure 3 Local extender unit showing four mounting holes

Step 2: Attach crimp connector to wire and place over one of the mounting holes. Insert screw and tighten.



Figure 4 Attaching ground screw and wire

Step 3: Ensure connection is secure, and attach the other end of the wire to your ground source. Repeat these same steps for remote extender unit.



Figure 5 Ground screw connection complete

2. Impacted Products

Supported Icron product model numbers include, but are not limited to the following:

Products: USB 2.0 Ranger/RG2201, 2204, 2212, 2224, 2244

If your ExtremeUSB® extender solutions use enclosures from the above list, they will be impacted by this change. If you are unsure, please consult with your account manager to determine if this release applies to you. Please note the Ranger/RG 2211 is not included in this hardware update as it has a plastic enclosure without faceplates.

2.1 Changes to Product Order

No change is required on your part for ordering extender products.

Should you have any questions about this hardware update or would like to order, please contact your account manager or the Icron Technologies Inside Sales Desk at +1 604.638.3920.

3. Notes

3.1 Related documents

Document #	Title	Author(s)	Publication Date
90-01262-A01	Hardware Change Ranger/RG2200, 2300, and Spectra/SP3022 Extender System Enclosures	Patrick Mauro	May 2014

3.2 Revision Control

Document #	Revision	Author(s)	Publication Date
90-01301-A01	Initial release	Glenn Antonelli, Lydia Ko, Thomas Schultz	November 2014