

Release Note: R300 and X320 PLP Hardware Change

R300 and X320 series indicator hardware has been changed to cater for extremely long lead time parts used in industrial applications which allows us to continue to supply the R300 series into the future. The new hardware known as HW1.2 PLP uses the H83687 microprocessor which is listed in the Renesas Product Longevity Program (PLP).

The PLP builds are identical to the existing builds of the R300/X300 in terms of overall connectivity and performance. They are covered by the same approvals certificates and use the same PCB, housing, and electronics componentry. However, the memory configuration of the H83687 is different and somewhat smaller than the H836079 microprocessor that we have been using for the last few years.

Changes in PLP Hardware

- Change to the start-up messages to identify the PLP indicators.
- Changes to feature sets, with hold functions, linearisation and animal weighing moved into dedicated approved firmware variants.
- Front navigation arrows are no longer supported.
- For rinLIVE customers using the R300, firmware variants are no longer on board. The default firmware will be K356 un-activated.
- Firmware used on this hardware will be denoted with Version 4.5x

Firmware activation procedure

With the PLP hardware changes, all firmware variants are no longer preloaded and the procedure to activate the firmware has changed. Please refer the following for instructions on how to activate the rinLINK and reflash firmware on PLP hardware.

Activate the rinLINK and reflash firmware on PLP hardware : [R300-761-100](#)

rinLINK manual : [R300-611-200](#)

Video instructions : <https://youtu.be/3148Ht9QgvE>

Please contact us through our support channels in case of any questions.

Appearance Comparison

Version 3 (Limited support)	Version 4 (Discontinued)	PLP Version From Jan 2023
	 <p>Rear Label V4 HW1.2 Firmware V4.1x – V4.4x</p>	 <p>Rear Label HW1.2 PLP Firmware V4.5x and above</p>
		
		 <p>Arrows not supported</p>
		