

1280 Version 2.0

Optimized for Power, Security & iQUBE²® Functionality



The latest upgrade to the 1280 digital weight indicator is a leap forward in technology!

Built on the latest Linux operating system, 1280 v2.0 includes ground-up improvements for stability and security. Use the dual port destinations to print and/or email weight tickets simultaneously. 1280 v2.0 also features seamless compatibility with the iQUBE² digital junction box, taking full advantage of its advanced onboard diagnostics to generate service alert emails when an issue is detected.

Latest Linux Operating System



1280 v2.0 updates its underlying operating system to the latest version of Linux. This includes the latest security patches, performance optimizations and stability for which Linux is renowned. The 1280 is now faster and more reliable than ever before! This upgrade also positions the 1280 for future upgrades when new Linux versions are available.



Tue 9/25/2020 2:52 AM
1280InboundScale@ABCIndustry.com
Scale #1 Notification

To Weigh Master Group

TRUCK ID	123
PRODUCT	444 Apples
CUSTOMER	333 John Doe

GROSS	55600 lb
TARE	26140 lb
NET	29460 lb

02:52 AM 09/25/2020

Create Emailed Tickets

For added convenience, cost savings and reduced waste, use the 1280's dual port destinations to print and/or email a weight ticket. Email documentation rather than printing (or in addition to) for streamlined digital record-keeping.

Optimized SPI Protocols



Our software engineers fine-tuned the 1280's serial peripheral interface (SPI) commands, making data transfer between the 1280 and its option cards more efficient. Especially beneficial for high-speed digital I/O applications, the improved SPI command structure allows the 1280 to communicate with its option cards without sacrificing performance.

Download 1280 v2.0 from RiceLake.com



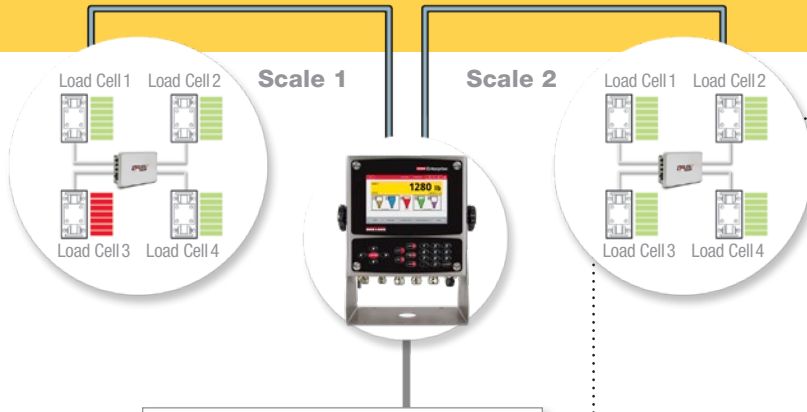
Upgrade existing 1280 indicators to v2.0 with a .zip download from Rice Lake's website. Simply visit www.ricelake.com/1280, download the new firmware and update your indicator to experience these many benefits, free of charge. Make sure to follow the update guide included in the .zip file prior to upgrading.

RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

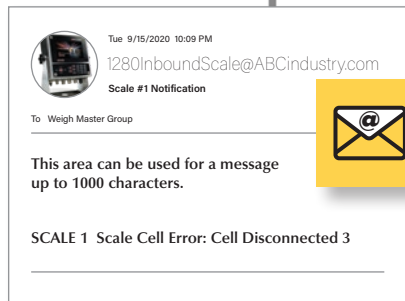
1280 Version 2.0 Email Scale Alerts

Use the 1280 Enterprise™ Series to create automated emails when scale actions have occurred. Alert the operator when a truck has been checked in and is waiting for filling, or virtually any other customizable event. When paired with the iQUBE² digital junction box, the 1280 can leverage advanced scale diagnostics to email the scale technician, owner or other applicable personnel immediately when a scale issue is detected.

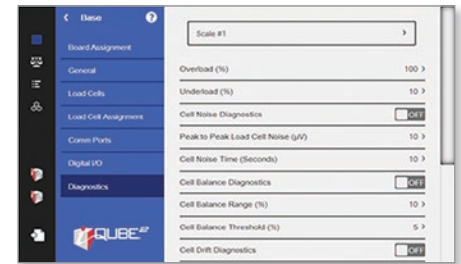


The Advantages 1280 v2.0 with iQUBE²

Pairing the 1280 v2.0 with Rice Lake's iQUBE² digital junction box enhances applications by providing automated diagnostics. If a scale issue is detected by the iQUBE², the 1280 can send a service alert email to any desired email address.



Additionally, the new iQUBE² setup wizard visually walks technicians through configuration step by step. This is in response to customer requests and enables applications to be set up faster and more intuitively.



Automated Diagnostics

Drift Drift can manifest itself by gradually changing weight or by sudden weight changes. It can be caused when load cell resistance changes because of corrosion, temperature change or strain gauge damage, producing weighing errors.

Loss of Connection An electrically damaged strain gauge circuit is not unlike a cut load cell cable, both of which will greatly impact the weightment or cause an out-of-range condition.

Load Cell Out of Balance When a scale's load cells are nonlinear, it typically is not noticed because all the outputs are summed together. When compared to an adjacent load cell, the output response in a section will be similar if the load cells are equally loaded. iQUBE² verifies linearity by monitoring load cell tolerances.

Load Cell Emulation When a weighing problem is catastrophic and your scale operation is mission critical, continue using your scale by enabling the iQUBE²'s load cell emulation. It can keep your scale operational by comparing operational load cells to intelligently estimate the weight.

Noise or Instability Noise is the most common problem in a scale system, but it can be difficult to isolate from environmental factors unless you can see each output individually. One faulty load cell will cause system instability.

Return to Zero Failure Scale accuracy is dependent on a scale returning to zero when unloaded. If zero consistently needs to be reacquired by pressing the Zero key, the ability to accurately weigh is suspect. This may be an indication of load cell damage or scale movement being restricted due to debris or other factors resulting in binding.

RICE LAKE
WEIGHING SYSTEMS

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