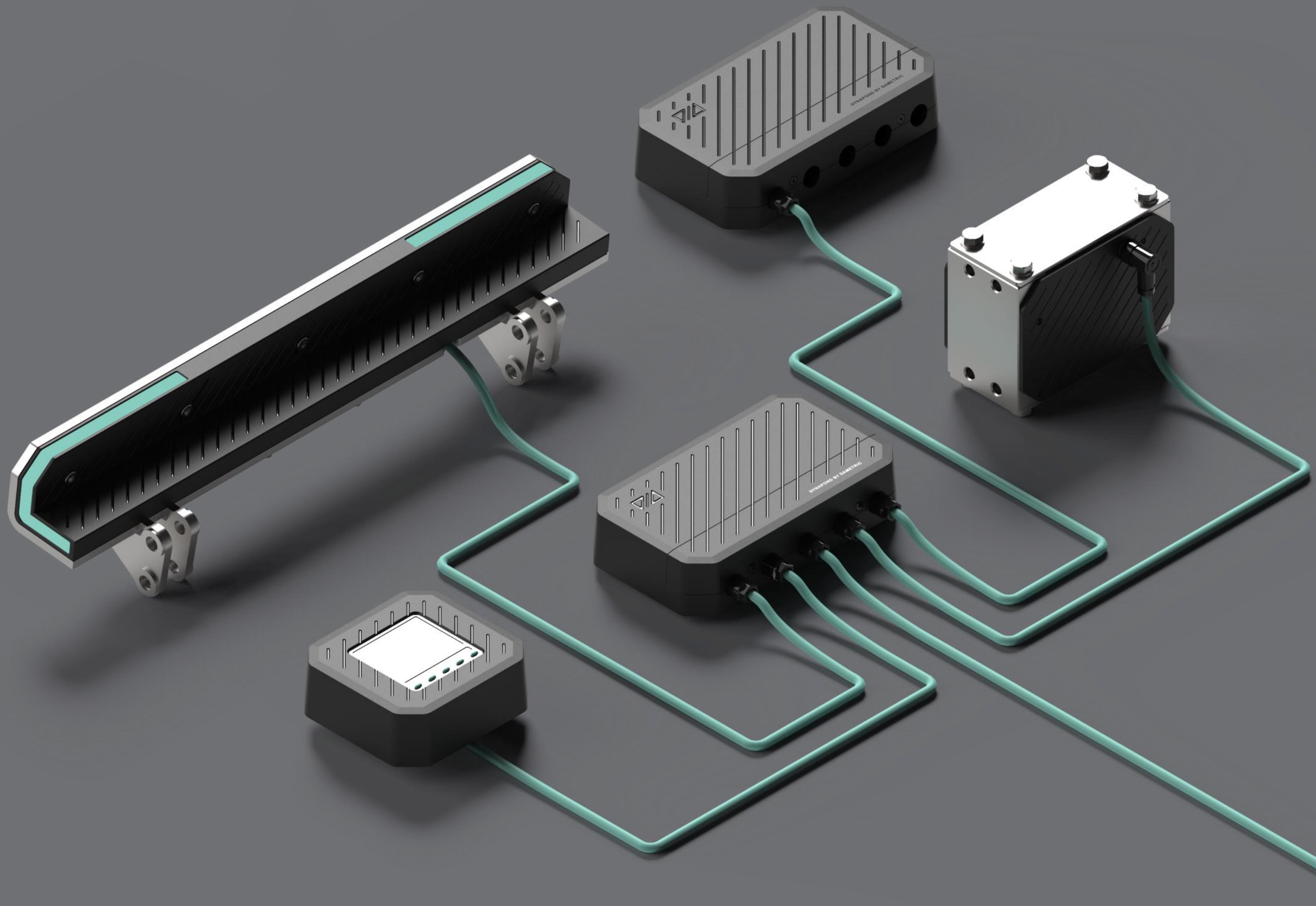
Dynapond

A smarter, simpler waste management system

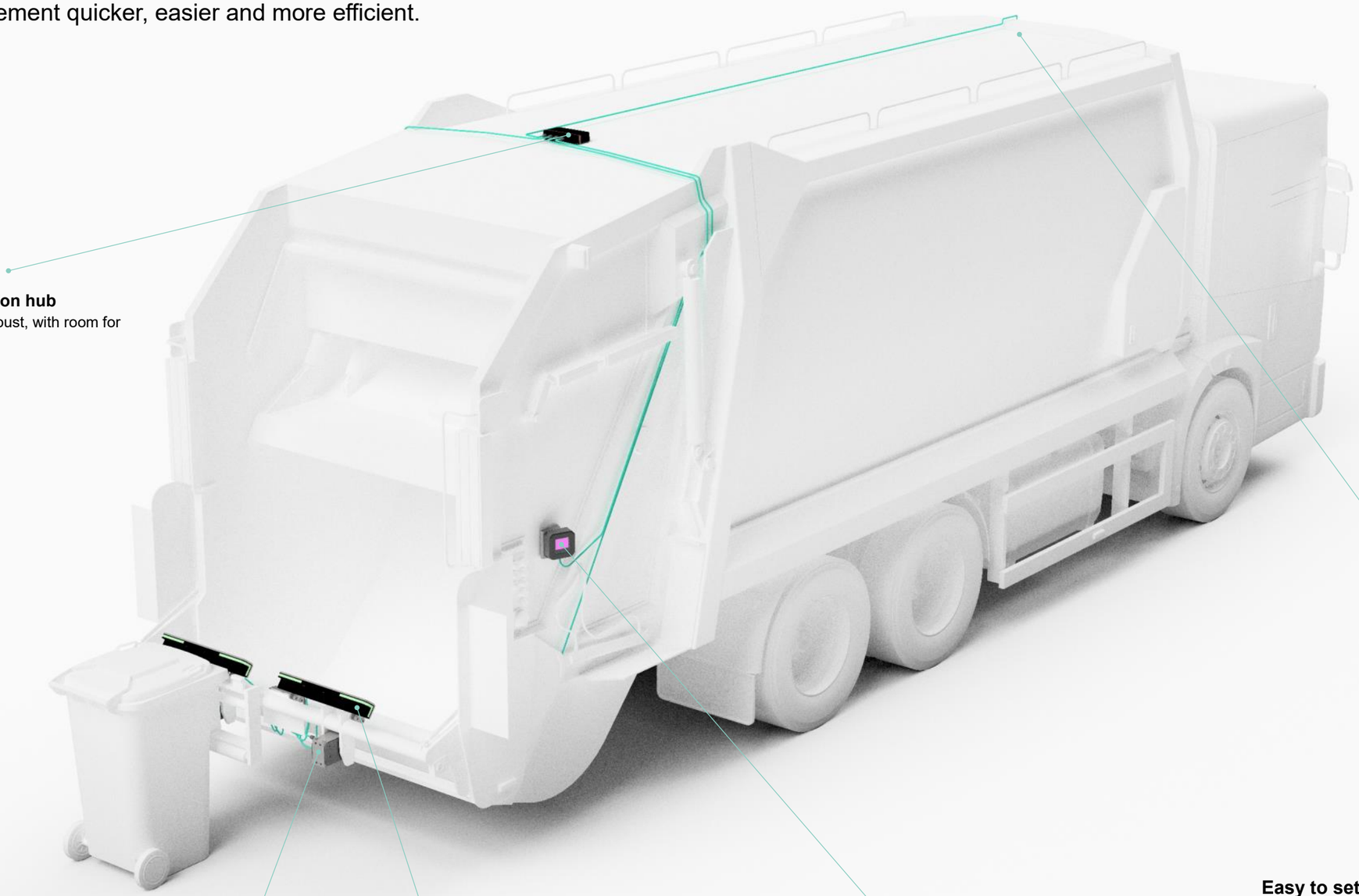


Dynapond – our new 3rd generation system for dynamic weighing and registration



The connected waste management system

Combining our state-of-the-art dynamic weighing technology with minimal hardware and smart connectivity, the Dynapond system makes waste management quicker, easier and more efficient.



Communication hub
Reliable and robust, with room for expansion

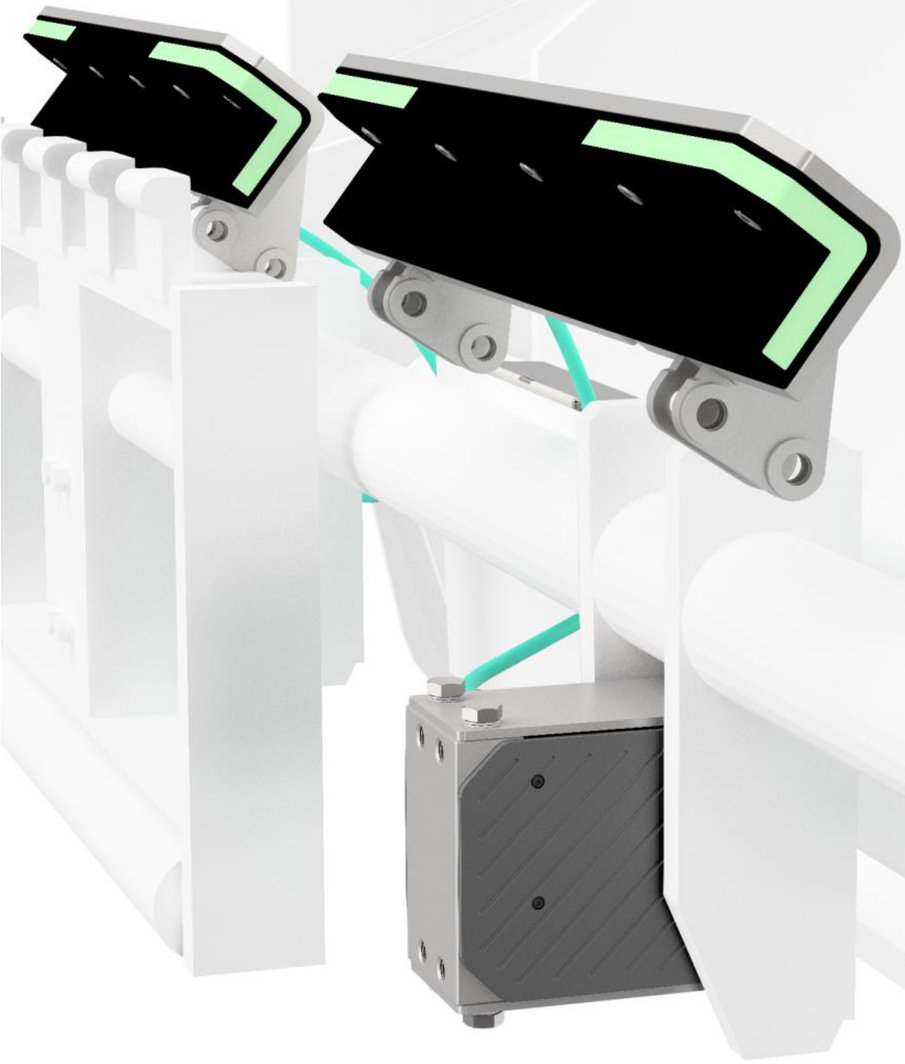
Router
Instant, safe data storage and seamless cloud connectivity

RFID reader
Flexible bin placement and instant visual feedback

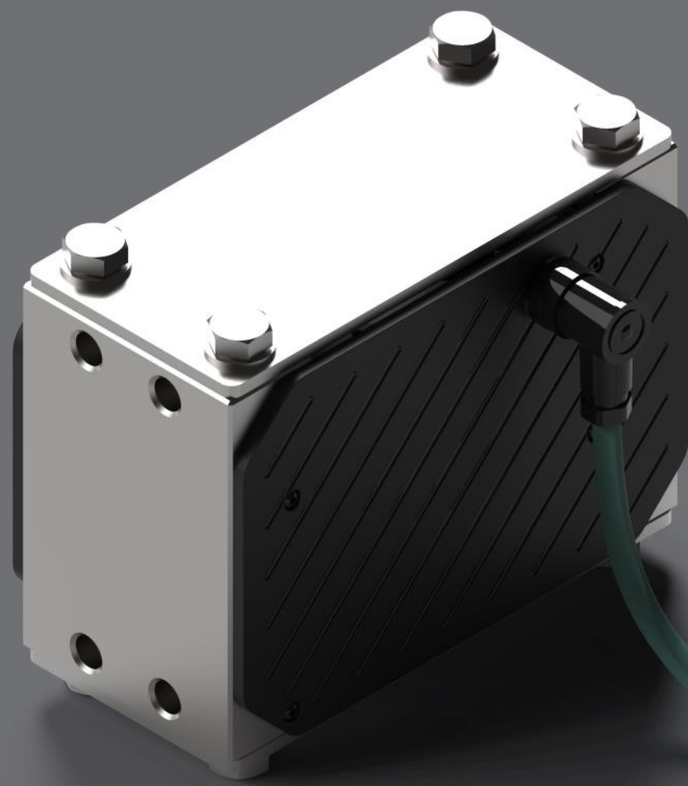
Dynamic scale
An advanced, all-in-one weighing unit built for wear and tear

3.5” color display
Quick system access where you need it

Easy to set up and use
Thanks to its new, sensorless technology, the entire system consists of only five components and very few cables – all of the same type. With less hardware and connections, installation and service are a simple and straightforward affair – and sources of errors are kept to a minimum.



Dynamic scale

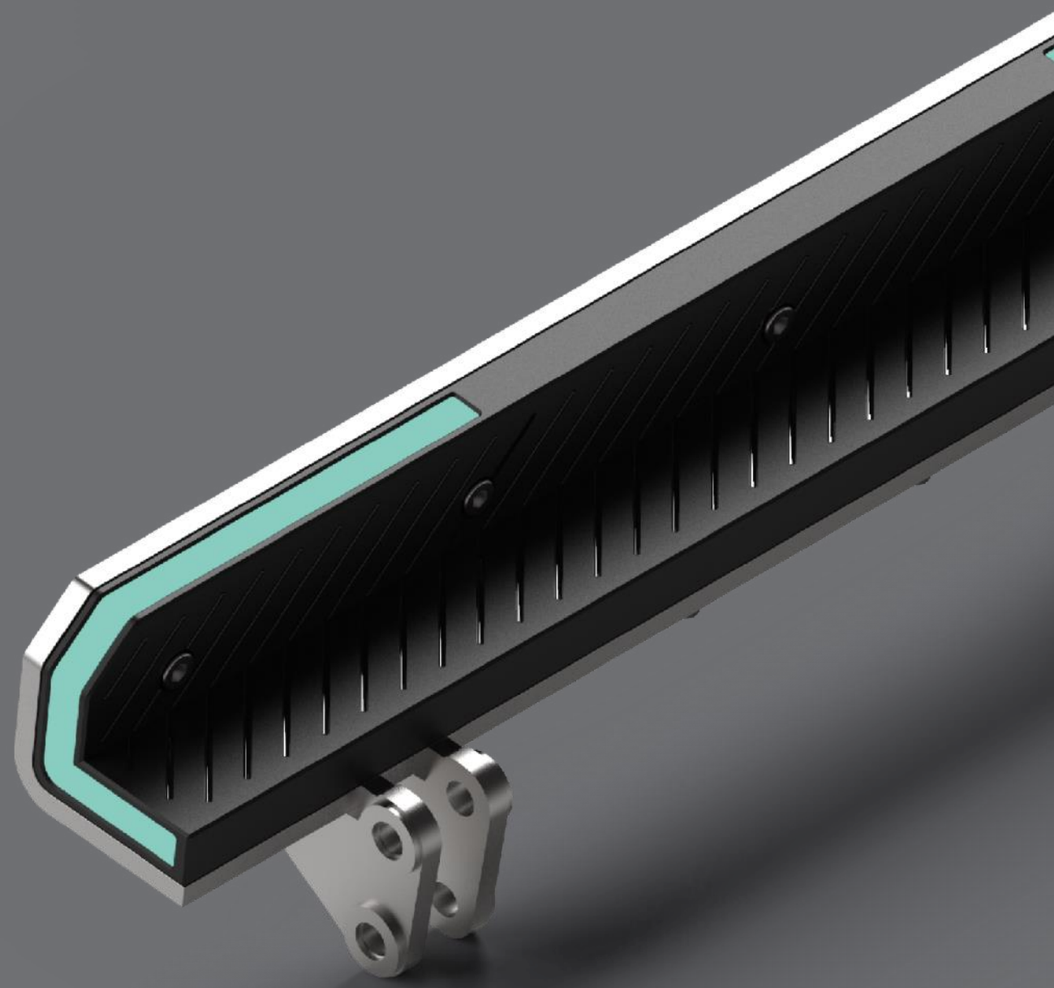


With its patented, cutting-edge dynamic bin scale, Dynapond is breaking new ground in waste management.

The dynamic scale is a true powerhouse, with an angle sensor, trigger sensor, load cell and measurement electronics all integrated into one compact device – no calibration or external components needed.

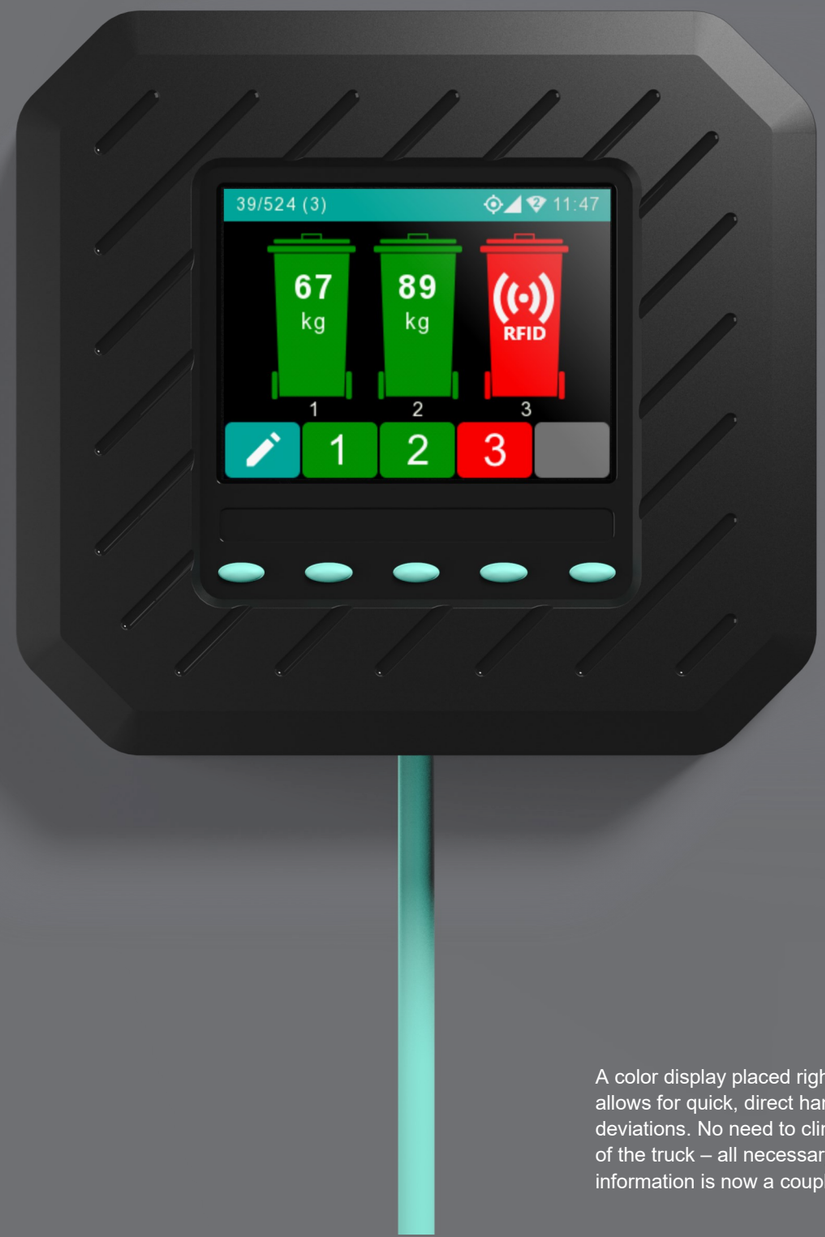
And despite its advanced electronics and small size, the dynamic scale is built for serious wear and tear. Its unique, patent pending end stop makes it shock-resistant to overloads and underloads of at least 10 tons.

RFID reader



Dynapond’s new bin lock mounted RFID reader features an exceptionally wide reading area, allowing for much greater flexibility when placing bins on the lifter. The multicolored lightbar provides immediate visual feedback, showing the user when everything is working smoothly – and notifying them when it’s not.

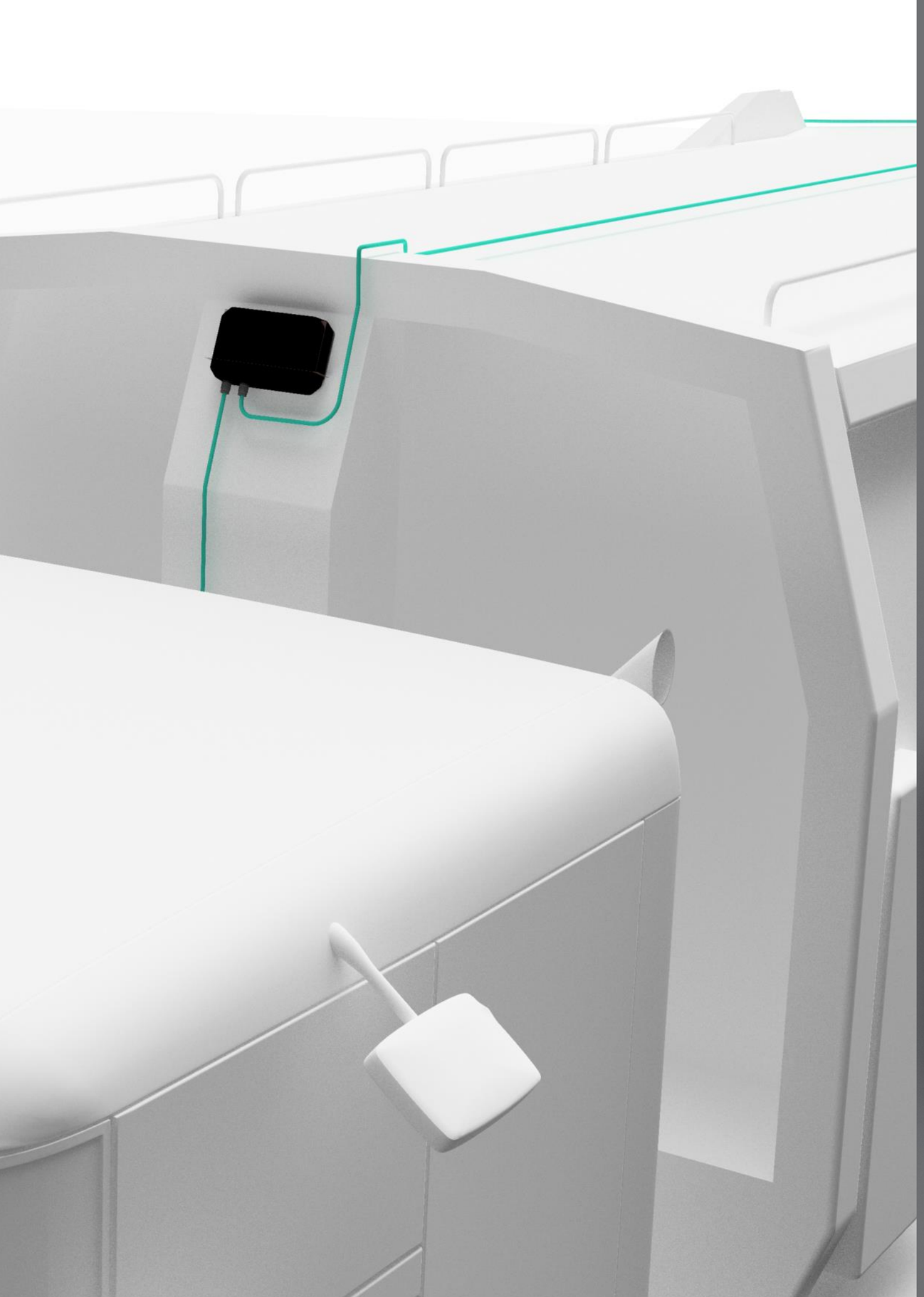
3.5” color display



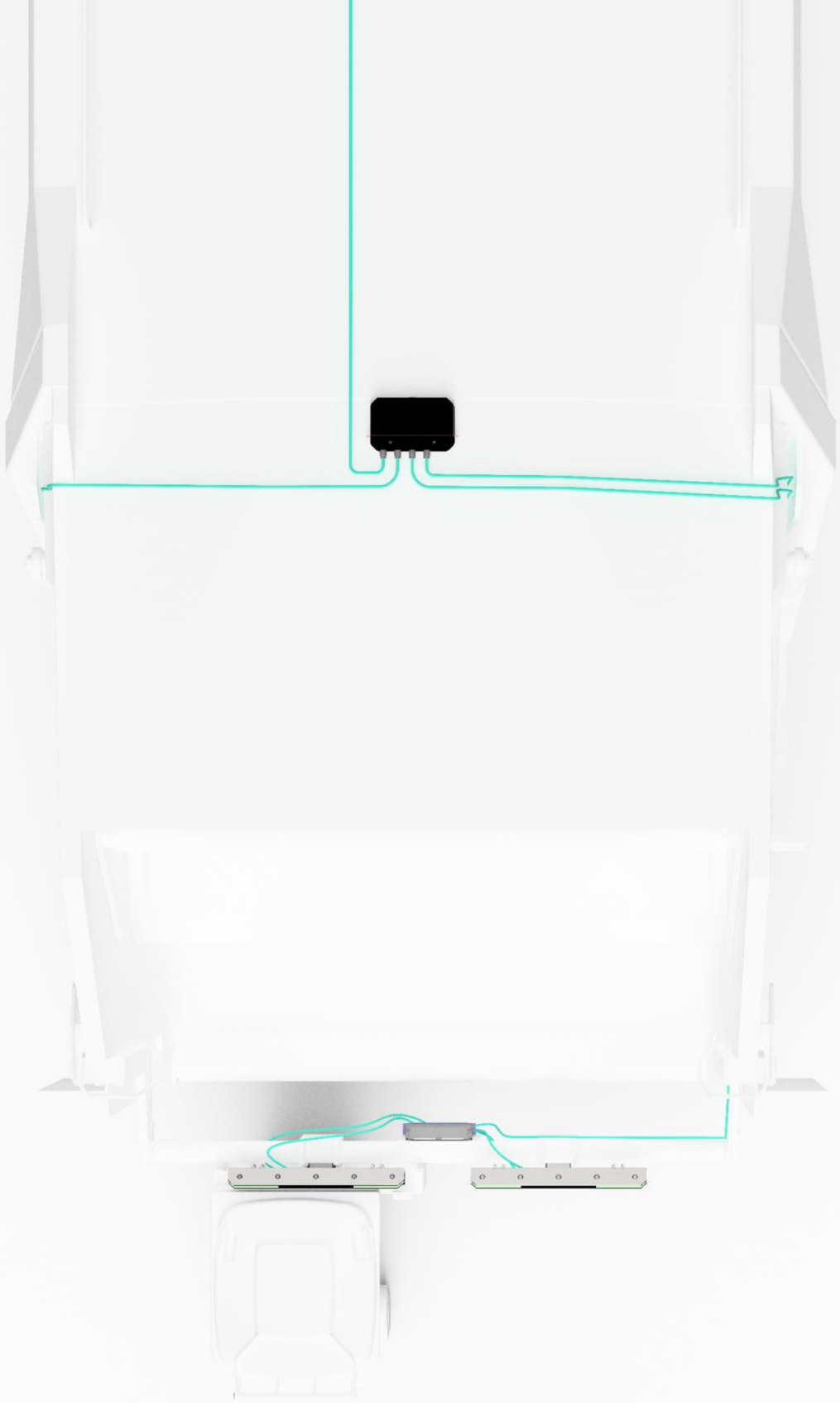
A color display placed right beside the lift allows for quick, direct handling of deviations. No need to climb up into the cabin of the truck – all necessary status and system information is now a couple of steps away.

Router

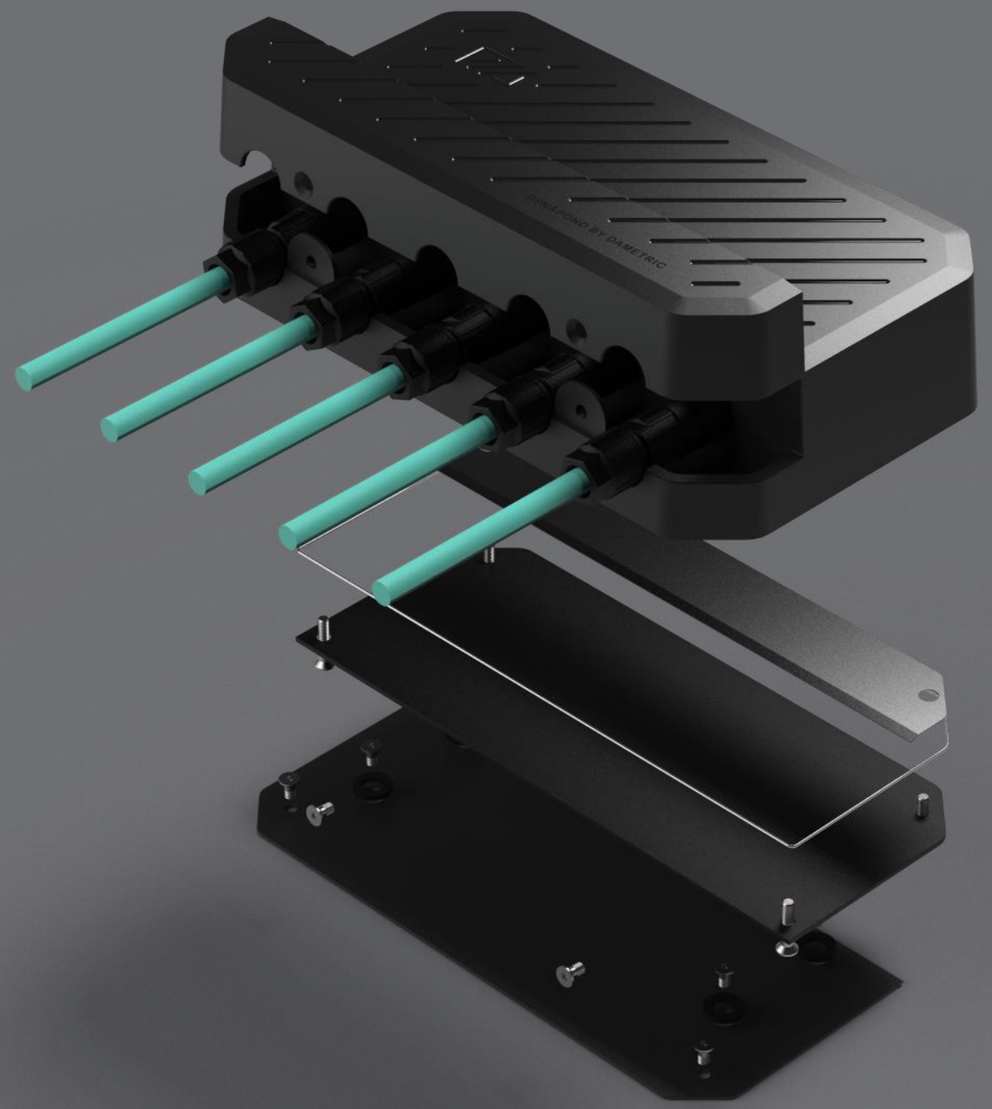
The router is a compact device specially designed for vehicles, with a 4G modem, Wi-Fi, Bluetooth and GPS. In addition to storing all measurement data, it acts as a stand-alone control computer for the entire Dynapond system, with direct access to the cloud.







Communication hub



The robust communication hub not only minimizes and simplifies cable management. It also means greater system reliability, while offering excellent expansion possibilities.

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