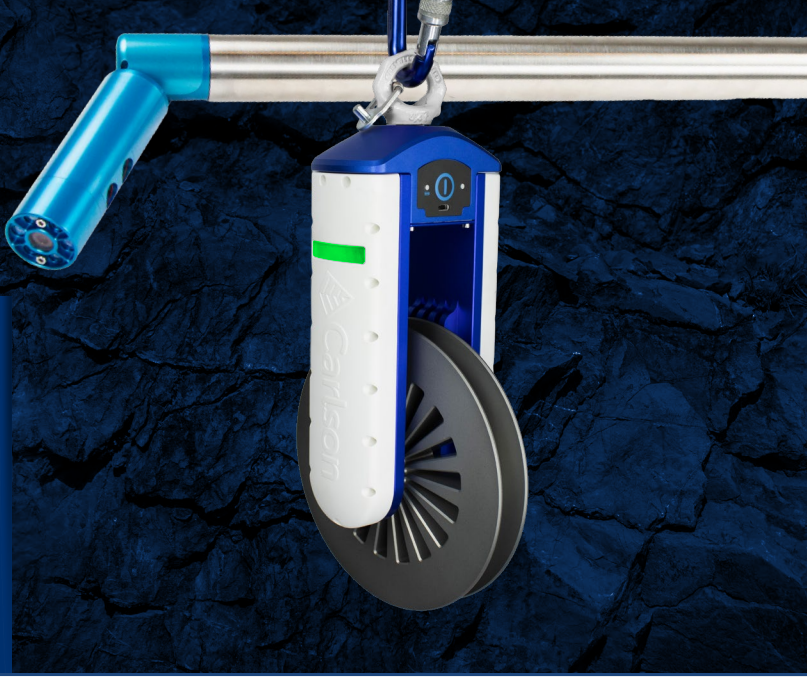
Carlson
BREAK NEW GROUND



C-ALS *HD*

DEPLOYMENT COUNTER

Accurate, Real-Time Cable Depth Tracking

The C-ALS HD Deployment Counter from Carlson Software provides automated, real-time depth measurement during underground void scanning. Designed to work in direct coordination with the C-ALS HD probe, this system eliminates the need for manual cable readings, improving accuracy and streamlining the deployment process. Compact, rugged, and Wi-Fi connected, it enhances efficiency and safety during scanning operations.

Reliable, Integrated Measurement

With the Deployment Counter, users gain continuous depth tracking as the C-ALS HD probe is lowered into a borehole or void. Data is transmitted wirelessly to the surface unit and seamlessly integrated into Carlson Scan software, enabling uninterrupted deployment from start to finish.

- Real-time cable depth tracking throughout the descent
- Wireless connection to the C-ALS surface unit
- Streamlines and accelerates probe deployment

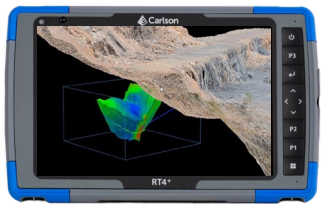
Field-Ready for Harsh Conditions

Built for demanding mining and construction environments, the Deployment Counter is engineered to perform reliably in both extreme heat and cold. Its durable construction ensures longevity across repeat field use.

- IP65 rated for dust and water resistance
- Performs reliably in harsh underground conditions
- Quick, tool-free setup and transport

Streamlined Operations with Carlson Scan

Designed specifically for use with the C-ALS HD and Carlson Scan software, the Deployment Counter seamlessly fits into your scanning workflow. It enables faster deployments without compromising accuracy.



- Instant data transfer to Carlson Scan Software
- Eliminates manual errors and enhances safety

Part of a Complete Carlson Solution

When paired with the C-ALS HD probe and Scan software, the Deployment Counter delivers fast, repeatable results across a wide range of underground surveying applications. The data can be exported from Scan further analyzed in many other Carlson applications such as Point Cloud.

Field-Proven Versatility

Engineered for flexibility across a range of underground conditions, the Deployment Counter supports a variety of setup styles and borehole geometries—whether vertical, angled, or horizontal. Its lightweight

whether vertical, angled, or horizontal. Its lightweight design and mounting options allow for rapid deployment on site, even in tight or remote environments.

- Compatible with tripod, winch, or slip ring deployments
- Performs reliably in confined spaces and high-angle setups
- Fits seamlessly into both standard and custom rig setups

Additional Attachments

The integrated footplate secures the slip ring winch with during a deployment. For longer deployments you may need to stabilise both the drum and the tripod by using additional ropes or ratchet straps. Carlson can help with advice about the best setup for your specific site.

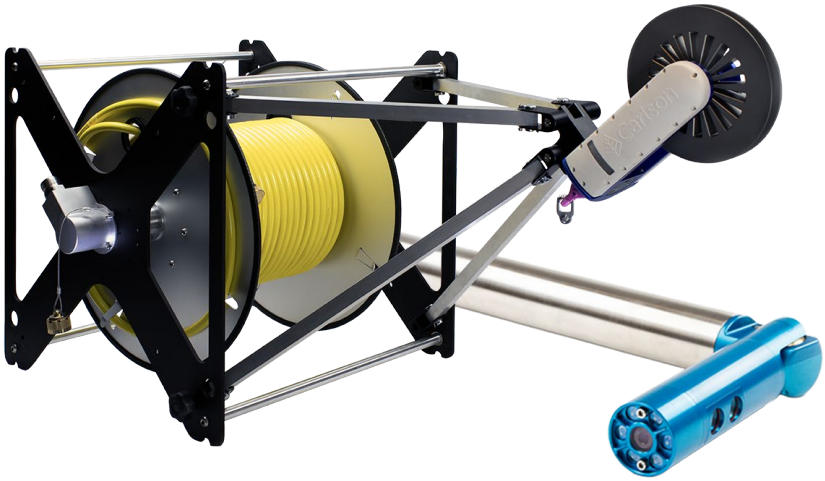
Dimensions
298 mm x 180 mm

Weight
2.25 kg

Operating Temperature
-20º C to +50º C

Battery Life
24 Hours

IP Rating
IP65



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