

KUZBUL

NORTH FINDER



GENERAL FEATURES

The KuzBul True North Finder determines true north within just three minutes using fiber optic gyroscope technology. Once true north is established, the device continues to provide the selected payload with calculated orientation data at the same level of accuracy in different directions, thanks to its high-precision horizontal and vertical axis encoders.

As long as the device is not powered off or repositioned, there is no need to repeat the three-minute north-finding process. If recalibration is required, KuzBul detects this condition and notifies the user.

- It is not dependent on GNSS and determines true north with high accuracy in environments where magnetic compasses are insufficient or unreliable.
- It can be used with different payloads and supports both wired and wireless data transmission.
- Precise manual orientation controls.
- Low power consumption.

SPEC SUMMARY

North Finding Accuracy	≤1 mil RMS
North Finding Time	<3 mins
Interface Options	RS485 / RS422 / CAN 2.0 / BLE 5.0 / IEEE 802.11 b/g/n
Operating Time	36h / 36 North Finding Operations
Battery Type	2×20Wh Battery Pack
External Power Supply	9–24V DC
Integrated OLED Display	160×128 pixels



NORTH FINDING
<3min



WEIGHT
<3.5kg



DIMENSIONS (mm)
Ø180 x 270

Actual performance may vary depending on atmospheric conditions, temperature, humidity, fog, precipitation, and other environmental factors. A tolerance of ±10% applies to all parameters.