

Ge-T8-E3100 - Basic Small Craft Sensor Package



A Yamahagane Company

The Ge-T8-E3100 is the [Geshrinari Shipyards](#) system for the [Ge-T2-1C - "Kuma" Shuttle](#) their version of the [Ke-T8 "Kuma" Multi-role Shuttle](#), it became available in [YE 31](#).

The Ge-T8-E3100 provides the following.

Short Range

Multi-Band Radar

Long range band Used for navigation and avoiding obstacles.

- Max range: 100,000 km (60,000 miles)

Short range band This is for precision ground mapping, used for planetary navigation.

- Max range: 180 km (30 miles)

Radar altimeter

Used to determine the altitude of the shuttle. It transmits a radar pulse from the bottom of the shuttle, and measures the time it takes for the pulse to return.

- Max elevation 9,146.34 meters (30,000 ft)

Laser Range Finder

This is used by the *Kuma* during docking and landing maneuvers to provide precise measurements. The system is accurate to 2 cm, and provides rate of closure.

Long Range

- Long-range gravimetric and magnetic resonance, distortion, and interferometry sensors and spectrometers
- Electromagnetic trans-space flux sensors and imaging scanners

Subspace Mass Detector

- Range of 20 LY
- Faster than light

Inertial Navigation

This is a basic 🧠 [inertial navigation system](#) which is used as a vital component of the navigation system and allows the shuttle to perform dead reckoning.

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