Product Summary

**RangePRO Model L5LGH Laser Rangefinder Module**

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**Dimensions**
- length: 122.5 mm;
- width: 104 mm;
- height: 65.5 mm;
- mass: 0.93 kg.

**Transmitter**
- laser type: Nd:YAG/OPO;
- wavelength: 1,565 to 1,575 nm (1,570 nominal);
- output: nominally 8mJ (to Class 1M limit);
- ranging rate: single shot (12/minute); 1Hz burst.

**Detector**
- InGaAs with time variant gain.

**Range Determination**
- Signals from the detector are digitally sampled and examined to determine all potential real target returns. An adaptive range threshold compensates for changing noise levels, maximising system capability under varying conditions.

**Power**
- 9 to 33Vdc input.

**Comms**
- RS-422 9,600 Baud.

**Mounting**
- 3-point rear mount and 2 point front mount.

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**OEM module for integration into sensing, surveillance, tracking & weapons stations, and thermal imaging cameras & gimbals;**

**Suitability**
- designed to withstand vibration, shock, and extended temperature operation, EM shielded.

**Rangefinding**
- read-out limits: min. 50;
- (factory selectable) max. 20,000.
- performance
  - vehicle (2.3x2.3m): > 6,200;
  - building (8x8m): > 12,500.

**Sealing**
- Hermetic.

**Laser Safety**
- Class 1M.
- **AS/NZS IEC66825.1 2011.**

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