Available in 2 models, supporting both cabled and wireless readouts and blinking and continuous laser modes

The R-1307B Target Readouts

R-1307BC

R-1307B-2.4XBE

Readout features:

- Hamar Laser's new R-1307B Basic Series of target readouts is available in two configurations, designed to fit the specific needs of our users.
  - The R-1307C supports all our 2-axis cabled targets.
  - The R-1307B-2.4XBE, a combination readout for cabled targets with the capability to wirelessly transmit target data to a second R-1307 or to our A-910-2.4XBE Computer Data Receiver
  - It also can display data for up to 2 of our A-1519-2.4XBE Single-Axis Wireless Targets.
- The R-1307B-2.4XBE and R-1307BC support cabled targets for both blinking and continuous laser modes, now available on the L-702SP, L-703, L-705, L-706 and L-708.
- The R-1307B-2.4XBE and R-1307BC support 4x4 mm, 10x10 mm or 20x20 mm PSD cabled targets.
- The R-1307B-2.4XBE can be configured to display data from one cabled 2-axis target or to receive data from a second R-1307-2.4XBE Readout connected to one 2-axis target.
- The R-1307B-2.4XBE may be used as either the Master Readout or as a secondary readout to display data from a second R-1307.
- Radio frequency for the R-1307B-2.4XBE is 2.4 GHz Xbee®.
- User-selectable measurement averaging (2 to 64 samples) for difficult atmospheric conditions.
- The readouts can store 1 fixed beam and 1 pulsed beam calibration factor.
- Easy-to-use front control panel allows quick setting changes and clearly displays target readings.
- User can select the number of display digits up to a maximum of .0001 in. or 0.001 mm.
- Powered by a 2500 mAh Lithium-Polymer rechargeable battery for 7-22 hours of continuous use (depending on model, radio type and display brightness setting).
- Lightweight (1.2 lb./.55 kg) with sturdy aluminum housing.

The A-1307KS Readout Stand

Hamar Laser's A-1307KS Readout Stand allows for the secure and convenient positioning of the R-1307 Readout.

- Four stand positions: 180°, 135°, 45° (shown in photo) and 0° (closed).
- The stand support leg, when opened to 180°, can be used as a hanger.
- Magnets on the back hold the Readout securely to steel objects.
- When the A-1307KS is assembled to the Readout, magnets are installed on the bottom so the unit can stand upright.
- The A-1307KS can be retrofitted to any existing R-1307 Readout.

HAMAR LASER®
ALIGN WITH THE BEST

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MADE IN AMERICA
OF DOMESTIC & IMPORTED PARTS

Specifications

The R-1307B Target Readouts

General

Radio Specifications:	R-1307W-2.4XBE Wireless 2.4 Xbee®
Range:	Up to 130 ft. (40 m) with line of sight, outdoors from one R-1307 to a second R-1307. Indoor range may very depending on indoor obstructions and magnetic interference.
Transmit Power:	+8dBm (6.3mW)
Radio Frequency:	2.4 GHz, DSSS (Direct Sequence Spread Spectrum)
Certification (see certification details):	FCC ID: MCQ-XBEE3. Complies with FCC rules, Part 15 CE: Complies with ETSI (Europe) IC ID: 1846A-XBEE3 (Canada) RCM/R-NZ (Australia/New Zealand) ANATEL 06329-18-01209 (Brazil) TELEC [R] 210-119309 (Japan)
Battery Type:	2500 mAh, Lith ium-Polymer rechargeable battery
Battery Charging Time:	5–8 hours typical
Battery Life Expectancy:	800 charge/discharge cycles maximum
Battery Capacity (rated capacity of a new battery):	7–22 hours of continuous use. Varies by model, radio type and display brightness settings.
Power Adapter/Charger:	Input: 100-240V ac Output: 7.5V dc 1.2A
Weight:	1.2 lb. (0.55 Kg)
Housing Material:	Aluminum
Physical Dimensions:	5.45 in. x 4.63 in. x 1.45 in. (excluding antenna) 138 mm x 118 mm x 37 mm
PSD Resolution and Accuracy Cabled Targets:	4x4 mm PSD: 0.1 microns - <1% error 10 x 10 mm PSD: 0.25 microns - < 2% error 20 x 20 mm PSD: 0.5 microns - < 0.5% error
Display Resolution:	.0001 in. (0.001 mm). When using Bore9 Software, resolution is .00002 in. (0.0005 mm).
Rotation Angle (R-1307+R):	Resolution: 0.1 degree Accuracy: ± 1 degree