



Esri  
380 New York Street  
Redlands, California 92373-8100  
Phone: 909-793-2853 ext. 1-4441  
Fax: 909-307-3046



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**A special offer of a TruPulse® 360, 360 B, or the new 360 R Laser Rangefinder and LaserGIS for ArcPad® extension for US customers only**

**Part No. 105535**—TruPulse 360 B (Yellow) with LaserGIS for ArcPad extension      **Unit Price: \$1,890**

*Professional-grade compass laser includes distance, inclination, and azimuth capability and integrated Bluetooth® for wireless communication. Onboard solutions for Horizontal and Vertical Distance as well as object Height and Missing Line values. In-scope display of all data and advanced targeting features to help acquire the correct measurement. Unit comes with a carrying case, neck strap, and manual. Powered by (1) CRV3 or (2) AA batteries (not included). LaserGIS is a robust software extension that significantly enhances the current laser offset functionality and GIS attribute data collection of ArcPad. Quicker connection—fewer steps—more flexibility: A true integration between your TruPulse laser and your GIS.*

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**Part No. 105561**—TruPulse 360 (Yellow) with LaserGIS for ArcPad extension      **Unit Price: \$1,790**

*Same as above with no integrated Bluetooth for wireless communication. All TruPulse lasers come standard with a wired RS232 serial port for data communication.*

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**Part No. 105534**—TruPulse 360 R (Gray) with LaserGIS for ArcPad extension      **Unit Price: \$1,990**

*Same as 360 B above with a new horizontal design, rugged exterior for a sure grip, CR123A battery type, and a waterproof housing for extreme conditions. All TruPulse lasers come standard with a wired RS232 serial port for data communication.*

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**Part No. 105536**—LaserGIS for ArcPad extension      **Unit Price: \$195**

*LaserGIS is a robust software extension that significantly enhances the current laser offset functionality and GIS attribute data collection of ArcPad. Quicker connection—fewer steps—more flexibility: A true integration between your TruPulse laser and your GIS.*

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## *Accessories*

**Part No. 105562**—D-shell download cable  
*Fits standard 9-pin serial ports.*

**Unit Price: \$68**

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## **LaserGIS for ArcPad extension**

LTI's LaserGIS for ArcPad® is the first robust software extension that significantly enhances ArcPad's current laser offset functionality.

LaserGIS is the missing link of truly maximizing your field work productivity. It works seamlessly with ArcPad's current platform and complements your workflow by making laser integration faster and easier for you. Mapping with your laser and adding attribute data within your GIS has never been this accessible.

### **Features:**

- Connect your TruPulse 360 and configure your options within seconds.
- Easily record laser offset data with or without GPS using an existing ArcPad map or from a template
- Use Quick Traverse to map and calculate an area as well as determine your percentage of error of closure.
- Automatically import your height measurements, as well as distance, azimuth, slope, and reference coordinates, within your GIS attributes.
- Refer to the trace file that logs all your raw data for every laser shot you take.
- Toggle on Rapid Fire to map multiple targets without ever touching your data collector.
- Automatically apply declination settings based on your map or GPS location.



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## ESRI QUOTATION TERMS AND CONDITIONS

These prices and terms are valid only for items purchased and delivered within the United States excluding Guam, Puerto Rico, and the Virgin Islands.

This quotation information is proprietary and may not be copied or released other than for the express purpose of system selection and purchase. This information may not be given to outside parties or used for any other purpose without written consent from Esri.

### ORDER PROCESS

The order process is initiated when Esri receives an original purchase order or some form of advance payment. Several additional documents (e.g., credit application, if not using credit card, and tax exemption certificate) are required to complete the order.

**IMPORTANT!** Collectively, these documents contain the authorizations and information necessary to ship proper versions of the software on the correct media. Please return them promptly to avoid unnecessary delays in shipping. Please return all documents by mail or express courier or as otherwise directed.

Please show the following remittance address on your purchase order:

Esri, File #54630, Los Angeles, CA 90074-4630

### DELIVERY

#### FOB ORIGIN

Standard delivery method is surface carrier for hardware. Actual delivery method may vary depending on weight. Other service is available for an additional fee (e.g., overnight delivery).

### PAYMENT TERMS

Net 30 days, on approved credit.

### WARRANTY

Warranty and service are provided by manufacturer(s).

### TAXES

Prices quoted do not include applicable sales or use taxes unless so stated. Esri reserves the right to collect sales tax assessed by states as required by law. Esri will add state sales tax to the invoice unless Esri receives proof with the order that your organization is tax exempt or pays state tax directly.

Esri collects and pays sales tax in Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and Wisconsin. In preparing your budget, please allow for applicable sales tax. Esri reserves the right to collect sales tax assessed by additional states as required by law.



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 380 New York Street  
 Redlands, California 92373-8100  
 909-793-2853

**TruPulse® Laser Rangefinder and  
 LaserGIS for ArcPad® Extension Offer  
 Domestic Order Form**

8/10/16

ORDERED BY	
Organization	
Date of Order	P.O. No.
Phone	Fax
Contact	Esri Customer No.

SHIP TO	
Organization	
Department	
Address	
Attention	
Phone	Fax
E-mail Address	

BILL TO	
Organization	
Department	P.O. No.
Address	
Attention	
Phone	Fax
E-mail Address	

Qty.	Description	Unit Price	Total
	Part No. 105535—TruPulse 360 B (Yellow) with LaserGIS for ArcPad extension	\$1,890	
	Part No. 105561—TruPulse 360 (Yellow) with LaserGIS for ArcPad extension	\$1,790	
	Part No. 105534—TruPulse 360 R (Gray) with LaserGIS for ArcPad extension	\$1,990	
	Part No. 105536—LaserGIS for ArcPad extension	\$195	
	Part No. 105562—D-shell download cable	\$68	
<b>FAX YOUR ORDER TO</b>		Subtotal	
<b>800-330-7053</b>  <b>ATTN.: Customer Service/Alan Chrest</b> Esri, 380 New York Street □ Redlands, CA 92373-8100		Shipping	Included
		Sales Tax*	
		Total Due Esri	

\* Please add appropriate sales tax in the states of AL, AZ, CA, CO, CT, FL, GA, HI, IL, IN, KS, MA, MD, MI, MN, MO, NC, ND, NE, NJ, NM, NV, NY, OH, OK, PA, SC, TN, TX, UT, VA, VT, WA, and WI. Esri reserves the right to correct sales tax rates and/or collect the sales tax assessed by additional states as required by law, without notice. Items may be shipped separately.

A. If submitting a purchase order, a credit application will need to be completed if one is not already on file with Esri. B. Delivery is based on manufacturer availability. C. All sales are final. Opened boxes cannot be returned for credit.	<b>PAYMENT OPTIONS:</b>  (a) Enclose a check payable to Esri with this form. (b) Complete credit card authorization information below. (c) Enclose a completed purchase order with this form. We will not ship without payment or purchase order enclosed. Acceptance of purchase order is based on credit approval.
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CREDIT CARD AUTHORIZATION				
Card Number	Check One			Expiration Date
	AMEX	Disc.	MC	Visa
Cardholder Signature	Approval Code (Esri use only)			
Printed Name of Cardholder				



IN-HOUSE USE  
ORIGINATED BY \_\_\_\_\_ DEPT. \_\_\_\_\_ PHONE \_\_\_\_\_ CLIENT'S REQUEST \$ \_\_\_\_\_

**ESRI  
CREDIT APPLICATION  
COMPANY INFORMATION**

COMPANY NAME: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
DBA: \_\_\_\_\_ FAX: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
\_\_\_\_\_  
TAX EXEMPT: YES/NO. IF YES, PLEASE ATTACH COPY  
OF EXEMPTION CERTIFICATES FOR ALL STATES.  
LENGTH OF TIME IN BUSINESS: \_\_\_\_\_ FEDERAL ID NO.: \_\_\_\_\_  
NUMBER OF EMPLOYEES: \_\_\_\_\_  
\_\_\_\_\_  
CORPORATION \_\_\_\_\_ PROPRIETORSHIP \_\_\_\_\_ PARTNERSHIP  
IF A CORPORATION, IN WHAT STATE INCORPORATED: \_\_\_\_\_  
DATE OF INCORPORATION: \_\_\_\_\_  
PRESIDENT: \_\_\_\_\_ VICE PRESIDENT: \_\_\_\_\_  
PARTNER'S NAME(S): \_\_\_\_\_  
PERSONS WITH CORPORATE SIGNATORY AUTHORITY: \_\_\_\_\_  
\_\_\_\_\_  
COMPANY CLASSIFICATION: \_\_\_\_\_ FORTUNE 500 \_\_\_\_\_ UNIVERSITY, COLLEGE, OR PUBLIC SCHOOLS  
\_\_\_\_\_  
LOCAL, STATE, OR FEDERAL GOVERNMENT \_\_\_\_\_ NONE OF THE ABOVE  
BRIEFLY DESCRIBE YOUR COMPANY'S FUNCTION: \_\_\_\_\_

**BANK REFERENCE**

*(Please list all banks and banking account numbers; attach additional pages if necessary.)*

BANK NAME: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
\_\_\_\_\_  
CHECKING ACCOUNT NO.: \_\_\_\_\_  
OTHER ACCOUNT NO.: \_\_\_\_\_  
LOAN NO.: \_\_\_\_\_

**VENDOR REFERENCE**

*(PROVIDE 5)*

NAME: \_\_\_\_\_ NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
TELEPHONE: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
NAME: \_\_\_\_\_ NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
TELEPHONE: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
TELEPHONE: \_\_\_\_\_

**ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. (ESRI), PAYMENT POLICY:**

**NET 30 DAYS, 1.5 PERCENT LATE FEE PER MONTH AFTER 30 DAYS.**

BY SIGNING BELOW, COMPANY CERTIFIES AND ATTESTS FINANCIAL RESPONSIBILITY FOR ANY AND ALL CORRECT ESRI INVOICES TO COMPANY AND ITS ABILITY TO PAY SUCH INVOICES IN ACCORDANCE WITH ESRI'S PAYMENT POLICY. COMPANY FURTHER AGREES TO PAY REASONABLE ATTORNEY'S FEES, PLUS INTEREST, IN THE EVENT OF DEFAULT IN PAYMENTS IN COMPLIANCE WITH ESRI POLICY. THE INFORMATION CONTAINED HEREIN IS ONLY FOR THE PURPOSE OF OBTAINING CREDIT AND AUTHORIZES ESRI TO OBTAIN INFORMATION CONCERNING COMPANY'S CREDIT STANDING.

**PLEASE FAX TO ESRI CREDIT ANALYST AT 909-307-3031 AND MAIL ORIGINAL.**

BY: \_\_\_\_\_ DATE: \_\_\_\_\_



## **WARRANTY**

### **LTI Limited Warranty**

#### **What Is Covered?**

Laser Technology, Inc. (LTI), warrants this product to be in good working order. Should the product fail to be in good working order at any time during the warranty period, LTI will, at its option, repair or replace this product at no additional charge. Parts and products that have been replaced as a result of a warranty claim become the property of LTI.

#### **What Is the Period of Coverage?**

This warranty remains in force for one year from the date of purchase from LTI or an authorized LTI product dealer, unless otherwise noted by LTI at the time of sale. LTI reserves the right to require written verification of the date of the original purchase of any product.

#### **What Is Not Covered?**

LTI has no obligation to modify or upgrade any product once sold. Any reproduction of software products is strictly forbidden.

This limited warranty does not include service to repair damage to the product resulting from

- Accident
- Disaster
- Misuse
- Abuse
- Non-LTI modification
- Batteries or damage caused by batteries used in our products

In no event will LTI be liable to you for any damages including any lost profits, lost savings, or other incidental or consequential damages arising out of the use or inability to use such product. Furthermore, LTI shall not be held responsible if an LTI-authorized dealer has been advised of the possibility of such damage or for any claim by any other party.

#### **What Will We Do to Correct Problems?**

If this product is not in good working order as warranted above, your sole remedy shall be repair or replacement as provided above.

#### **How Does State Law Relate to This Warranty?**

LTI hereby disclaims all other express and implied warranties for the product including the warranties of merchantability and fitness for a particular purpose. Some states do not allow the exclusion of implied warranties, so the above limitations may not apply to you.

#### **How Do You Get Service?**

In the unlikely event that your LTI product should require warranty or repair service, contact us to receive a Return Merchandise Authorization (RMA) number before returning your product.

If the product is delivered by mail, you agree to insure the product or assume the risk of loss or damage in transit. In addition, the shipping container or equivalent will be sent prepaid and for door-to-door delivery.



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### **Why Should You Complete and Return the Warranty Validation Card to LTI?**

The Warranty Validation Card (shipped in the box with your TruPulse) must be completed and received by LTI in order to benefit from this limited warranty. If an LTI software product requires registration, this must also be completed to benefit from this limited warranty. Receipt of the warranty validation card not only activates the limited warranty, it also allows LTI to contact you directly when hardware or software upgrades become available.

If you prefer to register your LTI product electronically, please

- Visit our website ([www.lasertech.com/warrantyrequest.html](http://www.lasertech.com/warrantyrequest.html)).
- Send an e-mail with all pertinent information ([service@lasertech.com](mailto:service@lasertech.com)).

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### **PRODUCT INFORMATION**

#### **TruPulse® Series, models 360 B and 360 R**

#### **A low-cost line of professional laser rangefinders with an inclinometer, compass, and data output**

It's almost an insult to even call these powerful measurement tools a "Laser Rangefinder" because their capabilities go far beyond just measuring a range. You can instantly measure slope distance, inclination and azimuth and calculate horizontal and vertical distance - all with a single push of a button

The TruPulse Series is a line of low-cost professional laser rangefinders. These compact and lightweight lasers provide "through-the-lens" viewing, eliminating parallax issues so you know the laser energy is traveling directly along your line of sight. They offer crystal clear optics with the data shown right in the heads-up display so you don't have to take your eye off the target. The diopter adjustment also provides comfortable viewing for eye/sunglass wearers. Utilizing the TruPulse's integrated tilt sensor, you can measure horizontal or vertical distance and instantly calculate the height of any object with the built-in Height routine!

TruPulse 360 Series has an integrated compass that allows you to measure azimuth which enhances the Missing Line routine. This is a simple 2-shot routine that instantly calculates the distance, inclination and azimuth direction value between any two remote points.

Using our exclusive TruVector 360° Compass Technology built in the TruPulse 360 Series, you can now obtain the best possible azimuth accuracy regardless of what pitch or angle you shoot from. No other compass laser range finder can do that.

The 360 R laser rangefinder offers all of the same functionality as the 360 B, but with the added benefit of being rugged and waterproof. Now professionals have the opportunity to work out in the field knowing their equipment is protected for harsher weather conditions.

All TruPulse laser rangefinders have onboard solutions that will calculate a height or clearance value of any target, under the most challenging conditions and also have built-in Targeting Modes for Closest, Farthest, Continuous and Filter/Reflector.

Use the 3-shot Height routine for upright targets like phone poles or buildings, even when the top or base may be obscured. The Vertical Distance and Missing Line modes are perfect for leaning objects such as most trees you encounter; and for clearance values of a wire or bridge over a roadway.



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For downloading data into any compatible device, you can use the standard RS232 serial port or Bluetooth® wireless communication that is in most models. Each shot taken automatically downloads a full data string that comprises of horizontal, slope and vertical distance, the degree of inclination, and azimuth values.

These measurements can be used to remotely position a target when integrating with GPS or add a height value as an attribute in GIS. For more stability, use the 1/4"-20 thread for mounting the TruPulse laser rangefinder on a staff or monopod.

Having superior optics and in-scope data display, you'll always be confident you are capturing the right measurement to the correct target. If your measurement were ever in question, you can toggle on the Closest or Farthest Mode to ensure the laser sensor is ignoring unwanted obstructions that are either in front or behind your desired target.

When integrated with a GPS unit, the TruPulse is great for range-range triangulation of targets, which are not directly accessible. You simply shoot the same target from two different spots, and you have an easy way to gather the precise location of an inaccessible feature. You can position those tough-to-reach objects in a single shot with the TruPulse 360 by measuring azimuth and distance. Go with the optional Bluetooth wireless model, and instantly downloading your data becomes just as fast and easy as collecting it. The TruPulse Series rangefinders are true workhorses for urban, rural, and industrial data collection under whatever conditions you might encounter.





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**Specifications for TruPulse 360 B:**

- Dimensions: 5" x 2" x 3.5" (12 cm x 5 cm x 9 cm)
- Weight: 8 ounces (220 g)
- Data Communication: Serial, via wired RS232 (standard) or wireless Bluetooth (optional)
- Power: 3.0 volts DC nominal; (2) AA or (1) CRV3
- Battery Duration: 8 hours continuous use
- Eye Safety: FDA Class 1 (CFR 21)
- Environmental: Impact, Water, and Dust Resistant, NEMA 3, IP 54
- Temperature: -4°F to +140°F (-20°C to +60°C)
- Optics: 7X Magnification (Field-of-view: 330 ft @ 1,000 yds)
- Display: In-scope LCD
- Units: Feet, Yards, Meters, and Degrees
- Monopod/Tripod mount (1/4"—20 thread)

**Measurement Range:**

- Distance: 0 to 3,280 ft (1,000 m) typical, 6,560 ft (2,000 m) maximum to reflective target
- Inclination: +/- 90 degrees
- Azimuth: +/- 360 degrees (model 360 only)

**Accuracy:**

- Distance: +/- 1 ft (+/- 30 cm) to a high-quality target, +/- 1 yd (+/- 1 m) to a low-quality target
- Inclination: +/- 0.25 degree
- Azimuth: +/- 1.0 degree (model 360 only)

**Measurement Modes/Features:**

- Horizontal Distance, Vertical Distance, Slope Distance, Inclination, and Azimuth
- Three-Point Flexible Height routine with auto-sequencing
- 2-shot Missing Line routine to find distance between remote objects (model 360 only)
- Advanced Target Acquisition: Closest, Farthest, Continuous, and Filter (reflector only)
- TruTargeting: Automatically provides the best possible accuracy and acquisition distance to a given target

\*All specifications are subject to change without notice.

**Specifications for TruPulse 360 R:**

- Dimensions: 5.2" x 2.1" x 4.5" (13 x 5 x 11 cm)
- Weight: 13.6 ounces (385 g)
- Data Communication: Serial, via wired RS232 or wireless Bluetooth (standard)
- Power: 3.0 volts DC nominal; (1) CR123A
- Battery Duration: 8 hours continuous use
- Eye Safety: FDA Class 1 (CFR 21)
- Environmental: Impact and Dust Resistant, Waterproof, IP 56
- Temperature: -4°F to +140°F (-20°C to +60°C)
- Optics: 7X Magnification (Field-of-view: 330 ft @ 1,000 yds)
- Display: In-scope LCD
- Units: Feet, Yards, Meters, and Degrees
- Monopod/Tripod mount (1/4"—20 thread)