ZenoCollector
High-Accuracy Data Collection in ArcGIS

ZenoCollector combines the world’s leading GIS software from Esri with the hardware expertise of Leica Geosystems in surveying and geographical measurement, so you can boost efficiency of field crews, reduce errors in data collection, and always have the latest information at your fingertips.

Collector for ArcGIS on a rugged, high-accuracy handheld
The ZenoCollector is the world’s first handheld that combines Esri’s industry-leading Collector for ArcGIS app with the accuracy of a professional GIS handheld collector. ZenoCollector enables data collection and editing in a simple, user-friendly interface on an ultra-rugged device running Android.

Three essential components are part of the ZenoCollector mobile GIS solution:

1. **Leica Zeno 20** - Rugged Android-based handheld computer with professional-grade accuracy GNSS receiver. IP67 dust and waterproof rating and 4.7 inch Sunlight Readable Outdoor Capacitive Screen.
2. **Collector for ArcGIS** - A native app that enables data collection and editing in a simple, user-friendly interface.
3. **ArcGIS** - A complete mapping platform that powers Collector for ArcGIS and connects field crews to your GIS system.

The ZenoCollector includes the following hardware and software items:

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leica Zeno 20</td>
<td>Sub-meter or Sub-decimeter</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td><strong>Details</strong></td>
</tr>
<tr>
<td>ArcGIS Online</td>
<td>Level 1 Organizational Plan with 5 Named Users</td>
</tr>
<tr>
<td>Collector for ArcGIS</td>
<td>Download available from the Amazon Marketplace which guarantees the latest version at the time of purchase.</td>
</tr>
<tr>
<td>Leica Zeno Connect</td>
<td>Preinstalled on the device to ensure the most reliable and accurate GNSS data is utilized.</td>
</tr>
</tbody>
</table>
ZenoCollector Benefits

Field Data Collection
From damage reports and service requests to asset inspections, create and edit the data that matters most to your organization. Collect and update information in the field and log your current location. ZenoCollector works online or offline, no matter your network availability.

A Living System
ZenoCollector is part of a living system, made possible by the ArcGIS platform. Data collected on the device is automatically synced back to ArcGIS Online, giving everyone in your organization access to the latest authoritative data.

Join the ArcGIS Community
With ZenoCollector, you join hundreds of thousands of people worldwide who are using the ArcGIS platform to analyze data, communicate information, and make the best decisions. You can be up and running in minutes with ready-to-use maps, apps, and templates that include your authoritative data.

Anytime, Anywhere, Any Device
With ArcGIS Online, you can easily create and share maps throughout your organization. Access your organization’s critical location information from your desktop, browser, tablet, or smartphone-anytime, anywhere.

Ease-of-Use
ZenoCollector brings a familiar experience to field crews using it for the first time with its Android-based operating system. Optimized for ease of use, the solution is designed to speed user adoption with minimal training.

Built to Perform
ZenoCollector is tough and built to last. Lightweight and compact, it fits in one hand and has a dust and water resistance IP67 rating. An out-of-box experience, ZenoCollector is ready to work when you are. Just unpack and go.
Pricing

ZenoCollector

<table>
<thead>
<tr>
<th>Item #</th>
<th>Package</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>147556</td>
<td>ZenoCollector Sub-meter</td>
<td>$9,400</td>
</tr>
<tr>
<td>147557</td>
<td>ZenoCollector Sub-decimeter</td>
<td>$12,700</td>
</tr>
</tbody>
</table>

Customers who have an existing ArcGIS Online account can purchase the Leica Zeno 20 device separately:

Leica Zeno 20

<table>
<thead>
<tr>
<th>Item #</th>
<th>Package</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>147558</td>
<td>Zeno 20 Sub-meter</td>
<td>$7,000</td>
</tr>
<tr>
<td>147559</td>
<td>Zeno 20 Sub-decimeter</td>
<td>$10,300</td>
</tr>
</tbody>
</table>

Wireless Network - Customer must specify UMTS or CDMA at time of purchase.

UMTS - Universal Mobile Telecommunication System (UMTS) is a 3rd generation mobile cellular system based on the GSM standard. Major cellular carriers that provide UMTS/GSM broadband data plans in the U.S are AT&T or T-Mobile. A customer requests a 3G SIM card (must be a 3G SIM card) with a data plan size that fits their usage from one of these recommended carriers.

CDMA - Code Division Multiple Access (CDMA) is a popular cellular system in the U.S. The only recommended CDMA carrier is Verizon Wireless. Customer provides the Zeno 20 IMEI number of the device to Verizon Wireless to activate a broadband data plan size that fits their usage from this carrier.

Accuracy

ZenoCollector Sub-meter/Leica Zeno 20 Sub-meter

1. Sub-meter accuracy achieved via SBAS corrections
2. 40cm accuracy achieved via DGNSS (NTRIP/DIP) corrections

ZenoCollector Sub-decimeter/ Leica Zeno 20 Sub-decimeter

1. Sub-meter accuracy achieved via SBAS corrections
2. 40cm accuracy achieved via DGNSS (NTRIP/DIP) corrections
3. 5cm accuracy or better achieved via RTK (NTRIP/DIP) corrections
4. 1cm accuracy achieved via RTK (NTRIP/DIP) corrections and AS10 external antenna
The defined accuracy assumes data is being collected in open-sky environment, free of local obstructions or sources of multi-path error (tree canopy, bodies of water, reflective surfaces, urban canyons, etc.) and appropriate field techniques have been utilized, such as correct positioning of the handheld or pole mounting configuration.

**Leica Zeno 20 – What’s Included**

- Leica Zeno 20 Android (*Customer must specify UTMS or CDMA*)
- Leica Zeno Connect Software
- Lithium Ion Battery, 5200 mAh (19.2 Wh), chargeable
- AC Adapter
- Data Transfer (microUSB to USB) cable for Zeno 20
- Handstrap
- Capacitive stylus (tether included)
- Softbag
- 2 Year Warranty (*see Warranty section below for details*)

**Leica Zeno 20 Technical Specifications**

- Android 4.2.2 (Jelly Bean)
- High Accuracy Capable GNSS Board
  - L1 GPS + GLONASS for ZenoCollector Sub-meter/Zeno 20 Sub-meter
  - L1/L2 GPS + GLONASS for ZenoCollector Sub-decimeter/Zeno 20 Sub-decimeter
- Dual core Texas Instruments OMAP 4470 1.5 GHz Processor
- 1 GB RAM
- 4 GB on-board iNAND - expandable via microSD card (supports up to 32 GB)
- 4.7" FWVGA sunlight readable, capacitive multi-touch screen (AsahiDragontrail chemically strengthened glass), Brightness 600+ cd/m2
- 8 MP Camera with Autofocus & LED flash
- Input/Output:
  - 1 x USB 2.0 port (fully waterproof even when latch is open)
  - 1 x micro USB client for data transfer and charging (fully waterproof even when latch is open);
  - Integrated audio and microphone
- Wireless LAN 802.11 b/g/n
- Bluetooth: V3.0
- WWAN 3.8G GSM (Zeno 20 UMTS) or CDMA (Zeno 20 CDMA)
- Hot-swappable lithium ion battery (<7 hours when using internal modem & GNSS)
- Sand, Dust & Water Rating: IP67 (Dust: IEC-60529; Water: IEC-60529)

**Warranty**

**2 Year Warranty Customer Care Program (includes Hardware and Zeno Connect Software)**

Standard warranty for the Zeno 20 is 1 year for the hardware and 90 days for the Zeno Connect software, but Esri has included an upgrade to the **2 Year Warranty Customer Care Program** with an option to upgrade to 3 years for both the ZenoCollector and Zeno 20 offers.

Click Here for the Leica International Limited Warranty

Click Here for the Leica Software License Agreement
# Zeno 20 Warranty Upgrade Option

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>147581</td>
<td>Upgrade 2 Year Warranty Customer Care Program to 3 Year only at time of Purchase</td>
<td>$400</td>
</tr>
</tbody>
</table>

# Zeno 20 Optional Items

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>147583</td>
<td>12 V Car Charger</td>
<td>$75</td>
</tr>
<tr>
<td>147584</td>
<td>Hard container. Fits the Zeno 20, pole mount, external antenna and accessories.</td>
<td>$310</td>
</tr>
<tr>
<td>147585</td>
<td>ZenoCollector Sub-meter/Leica Zeno 20 Sub-meter Pole Pack - Single Frequency Antenna (GPS/GLONASS); Telescopic Carbon Fiber GNSS pole with 5/8” screw; Pole mount to attach the Zeno 20 to a Leica GNSS pole, includes plate, mount and clamp; Dual-strut support; and 1.2m Antenna Cable.</td>
<td>$1,700</td>
</tr>
<tr>
<td>147586</td>
<td>ZenoCollector Sub-decimeter/Leica Zeno 20 Sub-decimeter Pole Pack - Triple Frequency Antenna (GPS/GLONASS)Telescopic Carbon Fiber GNSS pole with 5/8” screw; Pole mount to attach the Zeno 20 to a Leica GNSS pole, includes plate, mount and clamp; Dual-strut support; and 1.2m Antenna Cable. When utilizing the AS10 triple frequency GNSS antenna in this pack with the ZenoCollector Sub-decimeter/Leica Zeno 20 Sub-decimeter device, along with RTK corrections, up to 1cm accuracy is possible.</td>
<td>$2,500</td>
</tr>
<tr>
<td>147587</td>
<td>Desktop Charger for Zeno 20 battery</td>
<td>$225</td>
</tr>
<tr>
<td>147588</td>
<td>16 GB Professional 3000 microSD Card - This SD card is tested to comply with the rugged requirements of the Zeno 20 device. This is the only SD card that ensures no read/write errors on the system.</td>
<td>$400</td>
</tr>
</tbody>
</table>

The following items come standard with the ZenoCollector/Zeno 20 and should be considered only if customer desires duplicates of these products.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>147589</td>
<td>Lithium Ion Battery, 5200 mAh (19.2 Wh), chargeable</td>
<td>$305</td>
</tr>
<tr>
<td>147590</td>
<td>Capacitive Stylus (tether included)</td>
<td>$30</td>
</tr>
<tr>
<td>147591</td>
<td>Anti-glare screen protection for 4.7” screen. Includes 2 screen protectors and a microfaser cloth</td>
<td>$70</td>
</tr>
<tr>
<td>147592</td>
<td>Handstrap</td>
<td>$31</td>
</tr>
<tr>
<td>147593</td>
<td>Softbag for transportation and protection. Includes belt loop.</td>
<td>$32</td>
</tr>
<tr>
<td>147594</td>
<td>AC Adapter</td>
<td>$160</td>
</tr>
<tr>
<td>147595</td>
<td>Data Transfer (microUSB to USB) cable</td>
<td>$25</td>
</tr>
</tbody>
</table>
## Professional Services Option

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>144577</td>
<td>Professional Service Package - Web GIS Launch Kit Standard (4 Days)</td>
<td>$11,400</td>
</tr>
</tbody>
</table>

The Web GIS Launch Kit – Standard services package provides up to 4 days of on-site support by 1 Esri consultant to configure an ArcGIS Organization (ArcGIS Online). The Esri consultant will start with a resource assessment to determine the available GIS content, capabilities and information product needs. Based on the results the consultant will work with you to prioritize the maps and apps that can be configured during the time available. During the process of configuring the maps and apps, the Esri consultant will show you how to configure your ArcGIS organizational settings, populate the account with content, and provide best practices on leveraging Web GIS. The Web GIS Launch Kit also includes knowledge transfer on: authoring, registering and sharing content, creating web maps, management and administrative tools, using Web GIS in workflows, and securing content and governance. If the above activities are completed prior to the end of the 4 day engagement remaining on-site time can focus on configuring Collector for ArcGIS. Customers will be provided a Web GIS Launch Kit questionnaire prior to the on-site visit. Topics outside the scope of the Web GIS Launch Kit include but are not limited to: ArcGIS for Server Software Installation, Portal for ArcGIS Installation, Migration of Databases and Applications, Application Development. The price includes airfare, hotel, car rental, per diem, and other direct costs. On-site support will be provided at a mutually agreed upon customer location during one trip within the United States on consecutive business days during a single work week. By purchasing this service, the customer agrees to Services Packages Terms and Conditions (G-363-D Addendum) which shall take precedence over any other terms and the customer’s purchase order. If not attached, these Terms and Conditions can be viewed on the web at [http://www.Esri.com/legal/service-agreements.html](http://www.Esri.com/legal/service-agreements.html). This services package requires the customer to prepare for Esri’s visit. The preparation requirements are outlined at [http://www.Esri.com/legal/service-agreements.html](http://www.Esri.com/legal/service-agreements.html) and all services will be provided in accordance with the requirements and assumptions provided therein. Scheduling will be based on resource availability.
Support

Leica Contact Options:

- Phone: 800-327-4773, option 1 for English, Option 2 for GIS Support
- Email gis.support@leicaus.com for a dedicated support queue for GIS related products
- MyWorld: This is a customer portal used to enter purchased products and download the latest GNSS firmware, software offerings, manuals etc. On this portal there is a portion called MySupport, which allows a customer to enter a support request, which goes to the same queue as the email listed in #2.

Esri Contact Options:

- Contact Esri Support online using the Support Request Form or call 1-888-377-4575, available from 5:00 a.m. to 5:00 p.m. (Pacific Time), Monday–Friday, excluding Esri holidays.

Software Delivery

Collector for GIS

1. Download and install the Amazon App: https://www.amazon.com/gp/feature.html?ie=UTF8&docId=1002999431&ref_=sv_mas_9
2. Once the Amazon App is installed you can search for and install Collector for ArcGIS.

ArcGIS Online

1. The person who requested a subscription will receive an email with an activation link from the ArcGIS Online Accounts team.
2. The subscription must be activated by the person who will administer it. If necessary, have the email forwarded to the appropriate person.
3. When the activation process has been completed, the administrator can then customize the website and invite or add members.

Click Here to view details on activating an ArcGIS Online subscription.
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

Software: Allow 30 days from Esri’s receipt of purchase order, signed software license agreement(s), and other documents, as required. Esri software license agreements may be accessed at esri.com/legal.

Hardware: Manufacturer’s terms apply. Lead times depend on make/models purchased.

Standard delivery method is ground or two-day air for software and 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.
ZenoCollector
Domestic Order Form

11/2/15

BILL TO
Organization
Department
Address
Attention
Phone
Fax
E-mail

SHIP TO
Organization
Department
Address
Attention
Phone
Fax
E-mail

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Description</th>
<th>Unit Package Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item 147556 — ZenoCollector Sub-meter (Customer must specify UMTS or CDMA preference - see Page 2)</td>
<td>$9,400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item 147557 — ZenoCollector Sub-decimeter (Customer must specify UMTS or CDMA preference - see Page 2)</td>
<td>$12,700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item 147558 — Zeno 20 Sub-meter (Customer must specify UMTS or CDMA preference - see Page 2)</td>
<td>$7,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item 147559 — Zeno 20 Sub-decimeter (Customer must specify UMTS or CDMA preference - see Page 2)</td>
<td>$10,300</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional Items
(enter items and prices below)

<table>
<thead>
<tr>
<th>Unit</th>
<th>Net Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional Items Total
Subtotal

Please attach sheet of additional options and pricing, if necessary.

* 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.

THANK YOU FOR YOUR ORDER!

FAI YOUR ORDER TO
800-330-7053
ATTN.: Customer Service/Alan Chrest
Esri
380 New York Street • Redlands, CA 92373-8100

NOTES
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.

PAYMENT OPTIONS
(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.

CREDIT CARD AUTHORIZATION
Card Number
Cardholder Signature
Cardholder Printed Name

Check One
AMEX  Disc.  MC  Visa
Expiration Date
Approval Code (Esri use only)
ESRI
CREDIT APPLICATION
COMPANY INFORMATION

COMPANY NAME: ________________________________
DBA: ________________________________________
ADDRESS: ____________________________________
______________________________________________
LENGTH OF TIME IN BUSINESS: ____________________
NUMBER OF EMPLOYEES: _________________________

TAX EXEMPT: YES/NO. IF YES, PLEASE ATTACH
COPY OF EXEMPTION CERTIFICATES FOR ALL STATES.
FEDERAL ID NO.: ______________________________

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: ________________________________
ADDRESS: __________________________________
______________________________________________
CONTACT: ____________________________________
CHECKING ACCOUNT NO.: ____________________
OTHER ACCOUNT NO.: _________________________
LOAN NO.: _________________________________

VENDOR REFERENCE
(PROVIDE 5)

NAME: ____________________________
ADDRESS: _________________________
TELEPHONE: ________________________

NAME: ____________________________
ADDRESS: _________________________
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: ____________________