



CITCO Water
4034 ALTIZER AVE
HUNTINGTON, WV 25705
Phone 304-523-3484
Fax 304-523-0510



Quotation

EXPIRATION DATE	QUOTE NUMBER
11/22/2020	S100130162
CITCO Water 4034 ALTIZER AVE HUNTINGTON, WV 25705 Phone 304-523-3484 Fax 304-523-0510	PAGE NO.
	1 of 1

QUOTE TO:

SHIP TO:

TOWN OF ASHLAND CITY
P O BOX 36
101 COURT STREET
ASHLAND CITY, TN 37015

TOWN OF ASHLAND CITY
PUBLIC WORKS DEPT
233 TENNESSEE WALTZ PARKWAY #102
ASHLAND CITY, TN 37015

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON		
7659	HHD AND SOFTWARE		Cody Ballentine		
WRITER		SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
Stephen Hunter		BEST WAY	NET 30 DAYS	09/23/2020	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE	
2ea	TRIMBLE RANGER 3L HANDHELD BLUETOOTH/WIFI GPS TW-RGRASY-121-00		3000.000/ea	6000.00	
2ea	SENSUS COMMAND LINK		600.000/ea	1200.00	
1ea	AUTOREAD VXU RADIOREAD TOUCHREAD SYSTEM SOFTWARE		4000.000/ea	4000.00	
1ea	AUTOREAD ANNUAL SUPPORT (TS AUTOREAD)		2000.000/ea	2000.00	
1ea	SENSUS SOFTWARE INSTALLATION & TRAINING		0.000/ea	0.00	
Extras not listed or spelled out are not included in pricing. We reserve the right to correct clerical errors.			Subtotal		13200.00
			S&H Charges		0.00
			Amount Due		13200.00

7/13/2020

C.I. Thornburg is the sole source for Trimble hand helds and tablets for Trimble Water in Tennessee.

Let me know If you have questions or need any additional information.

Sincerely,



Randall F. Leonardo
Sales Manager
Trimble Water
711 Ridge Road
Lemont, IL 60439
(630) 257-2455
Email: randy_leonardo@trimble.com



Andrea Davis
Distribution/Channel
Marketing Manager

8601 Six Forks Road
Raleigh, NC 27615

T: 919-424-8995
F: 919-424-8976
andrea.davis@sensus.com
www.sensus.com



July 13, 2020

To Whom It May Concern:

Sensus, USA is pleased to announce that C.I. Thornburg is the exclusive Authorized Distributor of Sensus products for the state of Tennessee. Please contact C.I. Thornburg for all of your Sensus needs. Purchasing Sensus, USA products from the authorized distributor for your area ensures that your products will be properly supported and warranted.

We look forward to the opportunity of providing your firm with quality water measurement equipment and support in the near future. Please feel free to contact me at andrea.davis@sensus.com regarding this or any other matter.

Sincerely,

Andrea M. Davis

Andrea Davis
Sensus, USA
Director, Channel Marketing

Ranger 3

rugged handheld computer



THE RANGER 3 HANDHELD COMPUTER HAS THE OUTDOOR RUGGED DESIGN AND INTEGRATED FEATURES THAT USERS COUNT ON.

Ready for the Field

The Trimble® Ranger™ 3 computer is designed to withstand the elements and survive the stress of working outdoors. The Ranger 3 series is tested to rigorous military standards for temperature extremes, drops, vibration, humidity and altitude. The IP67 rating means the Ranger 3 handheld is completely sealed against blowing dust and it can survive immersion in up to a meter of water for 30 minutes.

Trimble rugged computers have proven their reliability and lower Total Cost of Ownership over consumer-grade handhelds in the field with thousands of real world users.

Powerful integrated features

The Ranger 3 series has many built-in capabilities that make it easy to collect, save and transmit data in the field. The integrated GPS receiver, compass and accelerometer enable new possibilities for location-aware software to combine location, bearing and motion data. The 5 megapixel autofocus camera uses the GPS data to capture geotagged images. The camera with flash is useful for inspection, maintenance and repair applications.

Standard features of the Trimble Ranger 3 series include an ARM® Cortex™-A8 superscalar processor, a long-life lithium-ion battery, integrated Wi-Fi and Bluetooth® wireless capabilities and 8 GB of Flash storage. The Secure Digital card slot enables the addition of SD/SDHC memory cards for even more storage. The large sunlight-visible VGA display shows images, maps and data in crisp detail.

The optional integrated 1D barcode laser scanner enables a variety of applications, such as tracking parts and assets used in field service applications, as well as warehousing and logistical applications. The optional integrated 3G GSM cellular WWAN enables connectivity to the Internet and corporate

networks, enabling mobile applications to synchronize data with servers and databases in the office.

The Ranger 3 series includes the latest Windows Mobile® 6.5 Professional operating system, so it runs all the applications you use most, including a wide range of third-party software for industry-specific applications. Windows Mobile 6.5 Professional features a new interactive user interface that supports taps, flicks, pans and scrolls, making the user experience more intuitive and fun.

The Ranger 3 supports six languages, customer-selectable at initialization. The included international AC charging kit has four adapters for world-wide compatibility.

With all these features together in one rugged computer, you can support robust mobile applications that enable greater efficiencies and new opportunities for your mobile workforce.

Robust mobile application platform

Multiple integrated features, a high-performance CPU, and a rugged design make the Ranger 3 a very capable computing platform for mobile applications. The Ranger 3 Software Development Kit provides software developers with a hardware-specific API to use in conjunction with Microsoft software development tools.

The Ranger 3 series has Windows Mobile certification and has undergone hundreds of hours of testing to ensure reliability and stability.

Key Features

- Outdoor rugged design
- Long-life battery – up to 30 hours use
- High-performance mobile processor
- Large 4.2 inch high-resolution, sunlight-viewable touchscreen display
- Bluetooth and Wi-Fi
- 5 MP autofocus camera with flash
- GPS receiver with WAAS/SBAS support
- Electronic compass and accelerometer
- 1D barcode laser scanner
- 3G GSM cellular data modem
- Windows Mobile 6.5 Professional
- 58-key QWERTY plus numeric keypad



Standard Features

- Texas Instruments AM3715 Sitara™ ARM® Cortex™-A8 processor
- 256 MB of RAM
- 8 GB of Flash storage
- Bluetooth 2.0 +EDR
- Wi-Fi (802.11b/g)
- GPS receiver
- (SiRFstarIII, SiRFInstantFix II, WAAS / SBAS capable)
- Electronic compass
- Accelerometer
- Three tri-color notification LEDs
- USB 2.0 full speed host port
- USB 2.0 high speed client port
- Serial port, 9-pin RS-232
- Secure Digital (SD/SDHC) card slot Microsoft Windows Mobile 6.5 Professional
- 4.2 in (10.6 cm) landscape VGA display, sunlight-readable color TFT
- Resistive touchscreen
- QWERTY keypad with number pad, directional buttons and 4 programmable buttons
- Speaker & microphone
- Headset jack (3.5 mm stereo audio and microphone)
- Operating system language options: Simplified Chinese, English, French, German, Japanese & Spanish (customer selectable on initialization)

Optional Integrated Features

- 5 MP autofocus camera with dual white LED flash
- 3G GSM cellular data modem
- LED Flashlight function
- 1D barcode laser scanner

Standard Software

- SMS Text Messaging Support
- Microsoft® Office Mobile
 - Word Mobile
 - Excel® Mobile
 - PowerPoint Mobile
 - Outlook Mobile
- Internet Explorer Mobile
- Calculator
- Microsoft Pictures and Videos
- Calendar/Contacts
- Windows Media Player
- Messenger
- Adobe Acrobat Reader
- Notes/Tasks
- Trimble SatViewer (GPS interface software application)

Software for Optional Features

- Customized camera and flash control through Microsoft Pictures & Videos software (geotagging camera software)

- Flashlight mode control application
- Trimble CellStart software application (cellular connection setup)
- Trimble ScanAgent barcode scanning software
- Trimble Ranger 3 Software Development Kit
- STANDARD Accessories
 - Rechargeable Lithium-ion battery pack
 - Hand strap
 - Stylus tether
 - Clear screen protectors
 - Display cleaning cloth
 - Quick Start guide sheet
 - Getting Started Guide on CD-ROM International AC charging kit with four plug adapters
 - USB cable
 - Stylus with force-modulating spring tip (pkg of 2)
 - Audio port dust cover
 - I/O port dust cover

Optional Accessories

- Standard soft carry case
- Vehicle mount (compatible with RAM mounts)
- Spare battery charger
- 12 V vehicle charger

SS	Meets or exceeds
Water	Immersed in 1 m of water for 30 minutes Water jet 12.5 mm dia, @2.5 m-3 m 100 Ltr./min. IEC-529, IP67
Sand & dust	8 hours of operation with blowing talcum powder IEC-529, IP67
Drop (m)	26 drops at room temperature from 4 ft (1.22 m) onto plywood over concrete 6 additional drops at -22 °F (-30 °C) 6 additional drops at 140 °F (60 °C) MIL-STD-810G Method 516.6 Procedure IV
Vibration test	General Minimum Integrity and Loose Cargo MIL-STD-810G Method 514.6 Procedures I, II
Operating Temperature	-22 °F to 140 °F (-30 °C to 60 °C) MIL-STD-810G Method 501.5 Procedure II MIL-STD-810G Method 502.5 Procedure I, II
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)

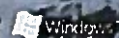
MIL-STD-810G Method 501.5, Procedure II
MIL-STD-810G Method 502.5 Procedure I, II

III	
Temperature shock	-31 °F/-149 °F (-35 °C/65 °C) MIL-STD-810G Method 503.5, Procedure I
Humidity	90% RH temp cycle -4 °F/140 °F (-20 °C/60 °C) MIL-STD-810G Method 507.5
Altitude	15 000 ft (4,572 m) at 73 °F (23 °C) and 40 000 ft (12,192 m) at -22 °F (-30 °C) MIL-STD-810G Method 500.5, Procedures I, II
III	
PHYSICAL	
Size	10.5 in x 5.2 in x 1.9 in (26.6 cm x 13.1 cm x 4.8 cm)
Weight	2.3 lb (1.04 kg), including battery and stylus
Color	Black with Yellow face
Electrical	
Processor	TI AM3715 Sitara ARM Cortex-A8 Processor at 800 MHz
Memory	256 MB RAM
Storage	8 GB non-volatile Flash
Expansion	SD/SDHC card slot, USB host port
Display	4.2 in (10.6 cm), 640 x 480 pixel, VGA TFT
Batteries	11.1 V, 2500 mAh, 27.8 Wh Li-ion rechargeable pack1
I/O	USB host and client; 15 V DC power; 3.5 mm stereo + mic audio port.

U.S.A : Trimble Navigation Limited
3501 Jamboree Road
Newport Beach, California 92660
+1 (949) 892-6120

water@trimble.com
www.trimblewater.com

R.o.W : Trimble Navigation Limited
NSC Campus, Mahon, Cork Ireland
+353 21 230 9328



FLEXNET CommandLink

You're in command.

The FlexNet® CommandLink is a wireless interface that allows utility personnel to access a complete suite of functional controls within a gas, water or electric SmartPoint. The Bluetooth-enabled CommandLink directs the SmartPoint's activation, programming, and diagnostic settings as well as performing on-demand interrogation of the device. CommandLink is capable of communicating with any Hand-Held Device (HHD) enabled with Bluetooth technology, Windows Mobile 6 GPS and 50 MB of available memory as well as laptop computers with Windows XP or Windows Vista, Bluetooth technology and GPS. What's more, this versatile device features rechargeable, field replaceable batteries giving technicians the power to program up to 250 SmartPoints over a two-day period on a single charge. CommandLink System Software includes a simple programmer for ad hoc programming and a route programmer for more structured programming.

Programming:

It couldn't be simpler. Following the physical installation of the SmartPoint, position the CommandLink on the SmartPoint (use the included strap to hold CommandLink in place, if necessary). CommandLink will automatically connect to the HHD or Laptop Computer via Bluetooth wireless technology, allowing personnel to communicate with the SmartPoint and begin the programming process. If programming adjustments are necessary, just follow the simple programming instructions displayed on the HHD or Laptop Computer screen.



Troubleshooting-one-call resolution

CommandLink provides instant access to the SmartPoint's programmed and stored information. With just a few keystrokes, the operator can pull setup information, validate readings, and verify or reprogram settings for optimal performance. You get immediate results. When finished, the CommandLink will initiate communication between the SmartPoint and TGB. Transmit reading, setup, binding or alarm information directly to the database, providing instant confirmation of any changes.

CommandLink

CommandLink

Specifications

Primary Function

Electronic tool permitting on-site wireless installation, interrogation and programming of FlexNet water and gas SmartPoints.

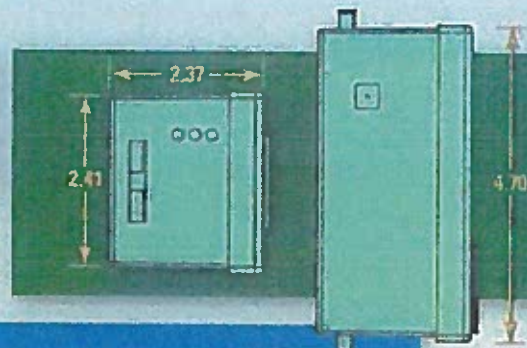
Physical

Length	Width	Height	Weight
4.7"	2.41"	2.37"	16 oz.

Exterior: high-impact, injection-molded plastic

Strap: elasticized "bungee" material

Accessories: AC/DC charger (included)



Environmental

	MIL-STD 810F				Method
Temperature – shock	-20° – 103° F				503.4
Temperature – storage	-31° – 140° F				501.4
Temperature – operation	-20° – 130° F				501.4
Humidity	90% rel. -29/+54				507.4
Water	Procedure I				512.4
Drop	No.	Ht.	surface	temp.	516.5
	6	5 ft.	concrete	-20° F	
	5	5 ft.	concrete	70° F	
	6	5 ft.	concrete	130° F	
Sand/Dust	Procedures I, II; IEC-529 IP-X6				510.3

Electrical

Batteries:	Three (3) "AA" rechargeable or Energizer brand disposable NH-15AA
Replaceable:	Yes
AC Charger:	Yes
DC Charger:	Yes
Charge Time:	Approximately 4 hours
Indicators:	LED; power, Bluetooth communication, charging
Firmware:	Upgradable via Bluetooth interface

RF Communication

CommandLink complies with FCC Part 15, FCC Part 15 Class B and Canadian ICES-003 requirements.

Bluetooth: Class 2

Sensus: Inductive at SmartPoint, TouchRead capable

Hand-Held Compatibility

	Windows Mobile6*	USB Interface	Bluetooth*
Sensus AR5500 ¹	X	X	X
Trimble Nomad ¹	X	X	X
Juniper Archer ¹	X	X	X

¹HHDs listed at left are capable of completing 250 installations over a two day period on a single charge. Other HHDs that meet the Hand-Held Compatibility requirements must have 50 MB of internal memory to operate CommandLink software; however, battery life may not meet the Sensus standard of 250 installations. Bluetooth is a registered trademark of Bluetooth SIG, Inc. Windows and Mobile6 are trademarks of Microsoft Corporation.

SENSUS

WWW.SENSUS.COM



Sales Quotation For
Town of Ashland City
101 Court St
Ashland City, TN 37015
Phone: +1 (615) 792-5618

Quoted By: Tanner Cate
Quote Expiration: 4/20/2021
Quote Name: Town of Ashland City - LGD - HH interface
Quote Number: 2020-118259
Quote Description:

Tyler Software and Related Services

Description	License	Impl Hours	Impl Cost	Data Conversion	Module Total	Maintenance
Customer Relationship Management Suite						
Utility Meter-Reader Interface	\$2,200	4	\$520	\$0	\$2,720	\$550
	\$2,200		\$520	\$0	\$2,720	\$550
Sub-Total:	\$2,200	4	\$520	\$0	\$2,720	\$550
TOTAL:						

Summary

Total Tyler Software
Total Tyler Services
Total Third Party Hardware, Software and Services
Summary Total
Contract Total

One Time Fees
\$2,200
\$520
\$0
\$2,720
\$3,270

Recurring Fees
\$550
\$0
\$0
\$550

Unless otherwise indicated in the contract or amendment thereto, pricing for optional items will be held for six (6) months from the Quote date or the Effective Date of the contract, whichever is later.

Client Approval: _____ Date: _____
Print Name: _____ P.O.#: _____

Client agrees that items in this sales quotation are, upon Client's signature or approval of same, hereby added to the existing agreement ("Agreement") between the parties and subject to its terms. Additionally, payment for said items, as applicable but subject to any listed assumptions herein, shall conform to the following terms:

- License fees for Tyler and third party software are invoiced upon the earlier of (i) deliver of the license key or (ii) when Tyler makes such software available for download by the Client;
- Fees for hardware are invoiced upon delivery;
- Fees for year one of hardware maintenance are invoiced upon delivery of the hardware;
- Annual Maintenance and Support fees, SaaS fees, Hosting fees, and Subscription fees are first payable when Tyler makes the software available for download by the Client (for Maintenance) or on the first day of the month following the date this quotation was signed (for SaaS, Hosting, and Subscription), and any such fees are prorated to align with the applicable term under the Agreement, with renewals invoiced annually thereafter in accord with the Agreement.
- Fees for services included in this sales quotation shall be invoiced as indicated below.
 - Implementation and other professional services fees shall be invoiced as delivered.
 - Fixed-fee Business Process Consulting services shall be invoiced 50% upon delivery of the Best Practice Recommendations, by module, and 50% upon delivery of custom desktop procedures, by module.
 - Fixed-fee conversions are invoiced 50% upon initial delivery of the converted data, by conversion option, and 50% upon Client acceptance to load the converted data into Live/Production environment, by conversion option. Where conversions are quoted as estimated, Tyler will invoice Client the actual services delivered on a time and materials basis.
 - Except as otherwise provided, other fixed price services are invoiced upon complete delivery of the service. For the avoidance of doubt, where "Project Planning Services" are provided, payment shall be invoiced upon delivery of the Implementation Planning document. Dedicated Project Management services, if any, will be invoiced monthly in arrears, beginning on the first day of the month immediately following initiation of project planning.
 - If Client has purchased any change management services, those services will be invoiced in accordance with the Agreement.
 - Notwithstanding anything to the contrary stated above, the following payment terms shall apply to services fees specifically for migrations: Tyler will invoice Client 50% of any Migration Fees listed above upon Client approval of the product suite migration schedule. The remaining 50%, by line item, will be billed upon the go-live of the applicable product suite. Tyler will invoice Client for any Project Management Fees listed above upon the go-live of the first product suite.
 - Expenses associated with onsite services are invoiced as incurred.
- Travel Expenses will be billed as incurred according to Tyler's standard business travel policy.