



# QUICKMAP 3D<sup>®</sup>

FOR SMART DEVICES

## QUICK START GUIDE

LTI PART #0144930

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(Excluding Holidays)

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This quick reference guide is divided up by specific LTI lasers used with the tablet.



LTI 20/20 TruSpeed® Sxb dual speed and survey laser blue in color



TruPulse® 200X survey laser red in color








TruPoint™ 300 survey laser red in color



Tablet running Android 4.1 or later






## [1<sup>st</sup> Step for Android] Add WLAN, Install QM3D, Get Licensed:

- [1] Turn on tablet, tap  Settings, tap  Display to set SLEEP to NEVER.
- [2] Tap  WLAN to select a wifi network and complete process.
- [3] Tap  Settings then tap  + Add account to add a Google account or get assistance from your IT department to set up a dedicated email account for your reports.






[4] Tap  Play Store, then Search for: “LaserSoft QuickMap 3D”  and INSTALL the app.

[5] From the main screen, tap , then tap  to open app. [6] Tap and hold  to copy or notate Machine ID on paper.

[7] Tap [License Manager website](#) link, then log in with your Email and temporary password sent from LTI. [8] Paste or type the Machine ID into .



[9] From the Purchases Table, copy and paste or type in your purchase ID into .

[10] Tap , then copy or notate the License Key. [11] Tap , then paste or type in the License Key and then tap .



[12] Charge tablet. [13] Go to [2nd Step] depending upon your laser set up: TruSpeed Sxb, TruPulse 200X or TruPoint 300.






## [1<sup>st</sup> Step for iOS] Add WLAN, Install QM3D, Get Licensed:

[1] Turn on tablet, tap , tap  Display & Brightness to set Auto-Lock to NEVER.

[2] Tap  Wi-Fi to select a wifi network and complete process.




[3] Tap  then tap  Mail to add an email account or get assistance from your IT department to set up a dedicated email account for your reports. Skip this step if your device already has an email account.

[4] Tap , then Search for: “LaserSoft QuickMap 3D”  and INSTALL the app.

[5] Tap  to open the app. [6] Tap and hold  Machine ID: 748DDB3C to copy or notate Machine ID on paper. [7] Tap  License Manager link, then log in with your Email and

temporary password sent from LTI. [8] Paste or type the Machine ID into  Machine ID:

[9] From the Purchases Table, copy and paste or type in your purchase ID into  Purchase ID:







[10] Tap , then copy or notate the License Key. [11] Tap , then paste or type in the License Key and then tap .

[12] Charge tablet. [13] Go to [2nd Step] depending upon your laser set up: TruSpeed Sxb, TruPulse 200X or TruPoint 300.



## [2<sup>nd</sup> Step for TruSpeed Sxb] Toggle On *Bluetooth* Link:



[1] Press  until (  bt MPH ). [2] Press  until (  bt MPH ), then press  to confirm selection (  ).

## [3<sup>rd</sup> Step] Toggle On Electronic Filter and Survey Mode:



[1] While in Speed Mode, press  until (  ).

[2] Press  (  ). [3] Press  to confirm selection (  ).

[4] Press  to toggle on Survey Mode with electronic filter on (  ).

[5] Apply the mechanical filter  to the front lens on the TruSpeed Sxb.







## [4<sup>th</sup> Step] Sync Tablet's *Bluetooth* link with TruSpeed Sxb:

[1] Tap  Settings, then tap  Bluetooth . [2] Turn on tablet *Bluetooth* link.








[3] Tap the laser model/serial number under AVAILABLE DEVICES. [4] Enter PIN number: 6912 or accept any passkey. [5] Exit to main screen.

## **[2<sup>nd</sup> Step for TruPulse 200X] Toggle On *Bluetooth* link:**









- [1] Press  to power the unit on. [2] Press  until .
- [3] Press  until . [4] Press  to accept.



## **[3<sup>rd</sup> Step] Change Units of Measure to Feet:**

- [1] Press  until . [2] Press  to scroll through unit options , . [3] Press  to accept the units of measurement .

## **[4<sup>th</sup> Step] Toggle On Electronic Filter:**

- [1] Press  until . [2] Press  to choose .
- [3] Press  to accept selection. [4] Apply the mechanical filter  to the front lens.

## **[5<sup>th</sup> Step] Sync Tablet's *Bluetooth* link with TruPulse 200X:**

- [1] Tap  Settings, then tap  Bluetooth. [2] Turn on tablet *Bluetooth* link.
- [3] Tap the laser model/serial number under AVAILABLE DEVICES.
- [4] Enter the PIN number: 1234 or accept any passkey. [5] Exit to main screen.

## [2<sup>nd</sup> Step for TruPoint 300] Activate WLAN:




[1] Press  to power the unit on. [2] Press , then tap .



[3] Tap  twice, then activate WLAN connectivity . [4] Press  to accept.

## [3<sup>rd</sup> Step] Change Units of Measure to Feet:

[1] Press  then tap . [2] Tap  twice, then change unit of measurement.

[3] Short press  to return to the main screen.



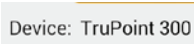

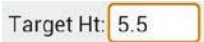




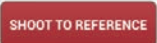



## [4<sup>th</sup> Step] Connect TruPoint 300 to Tablet:

[1] Tap  **Settings**, then tap  **WLAN**. [2] Tap the laser model/serial number listed in available networks. [3] Laser will display as connected.



## [Final Step for TruPoint 300] Setting Up For Your First Shot:




- [1] Power ON all components. [2] Check tablet settings to verify TruPoint is connected.
- [3] Tap , then tap . [4] Enter file name, then tap  and select equipment. [5] Enter Units that match the laser. [6] Measure from center of laser to ground and enter value . [7] For 3D maps measure center of target to ground and enter value , then tap . [8] Tap , wait for the icon becomes . [9] On TruPoint, follow leveling directions. [10] On tablet, leave all origin values at zero and tap . [11] Aim laser at desired reference point (target), then tap  to zero laser, and tap . [12] Tap  to add the reference data point to your map. [13] Enter “REF” for the description and tap .
- [14] Finish mapping the rest of the scene.










# [Final Step for TruPulse 200X and TruSpeed Sxb] Setting Up For Your First Shot:











[1] Power ON all components. [2] Tap , then tap .

[3] Enter file name, then tap  and select equipment.

[4] Tap , then enter Units that match the laser. [5] Measure from center of laser to ground and enter value . [6] Measure center of prism to ground and enter value , then tap . [7] Leave all origin values at zero and tap .

[8] On TruAngle, rotate 360 degrees until  becomes flashing .

[9] Aim laser at desired reference point (retro reflector), then tighten TruAngle brake  and press  on laser and  stops flashing. [10] Press  again to add the reference data point to your map. [11] Enter “REF” for the description and tap .

Notice that  turns into  at the top of QM3D screen. Tap  to refresh connection if necessary. [12] Finish mapping the rest of the scene.

# Radial with Angle Mapping Package Assembly for TruPoint 300

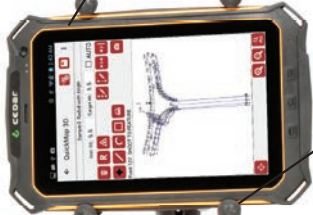
TruPoint™ 300  
#7006880



Laser Aiming Assist  
#3255094



Claw Mounting Base  
#3255097



CT7 Ruggedized  
Android Tablet  
#3255095



Tripod  
#3504683



X Grip for 7" Tablets  
#3255096

# Radial with Angle Mapping Package Assembly for TP200X and TSSxb

TruPulse® 200X

(Laser may be substituted for TruSpeed® Sxb)

Mechanical Filter  
# 7035142

Laser Interface Cable  
(Included with # 7006000)

CT17 Android  
Tablet  
#3255095

Laser Mounting  
Bracket  
# 7024867

(2) Laser  
Brackets  
for MSTA  
(Included with  
# 7006000)

MapStar®  
TruAngle®  
(MSTA)  
# 7006000

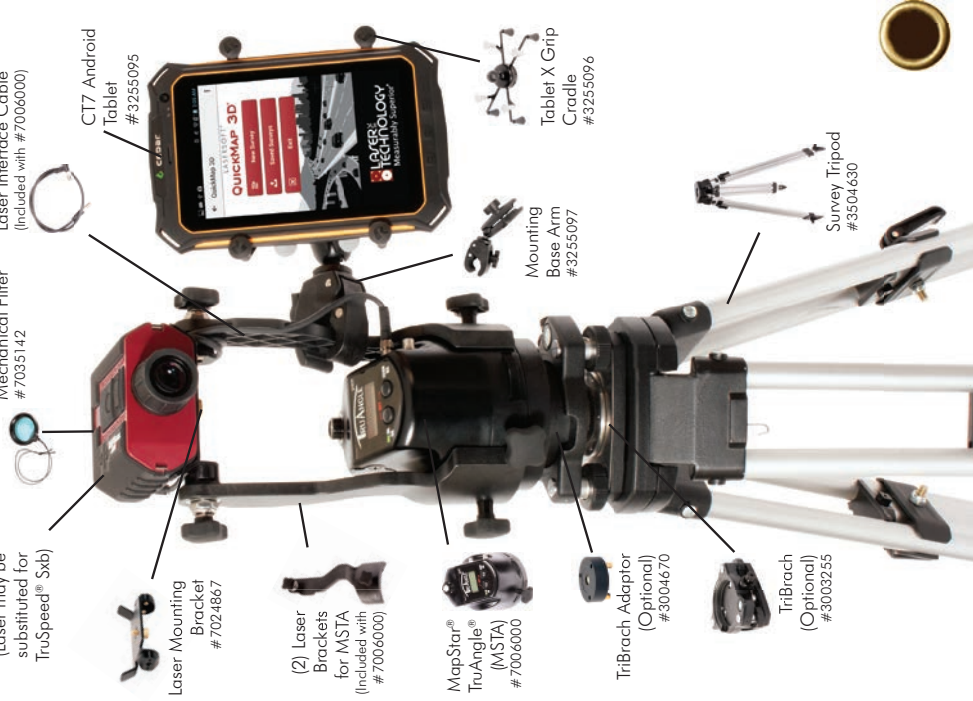
TriBrach Adaptor  
(Optional)  
# 3004670

TriBrach  
(Optional)  
# 3003255

Mounting  
Base Arm  
# 3255097

Tablet X Grip  
Cradle  
# 3255096

Survey Tripod  
# 3504630





## Access QuickMap Help:

[1] Tap  and choose Help.

Get help with:

- Laser/tablet *Bluetooth* or *WLAN* connection
  - \*Low voltage on tablet or laser can hinder wireless connections.
  - \*\*Pair laser to only one device at a time.
- Available mapping methods
- Corrections to data point heights, notes, and orientation
- Moving control point and equipment to a new position
- Converting inches to decimal feet for height entries
- Sending program diagnostics and/or survey QM3D file to LTI technical support (while on WiFi only)