



Spectra Precision Layout Pro



Simply Powerful





Convenience & power in an innovative package

Layout Pro™ software offers the convenience of carrying, managing, editing, and laying out your job site blueprint while you're on the go. And this is all possible regardless of the method or instrumentation used.

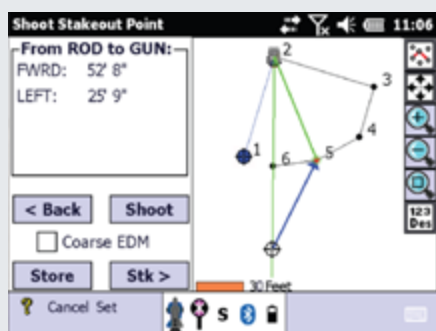
The power of a simple user interface makes Layout Pro a must-have tool that will revolutionize the way you work. Perform layout tasks on your own with Layout Pro. Reduce your subcontracting to cut costs and minimize down-time. You can even re-lay out critical job site points if they're damaged during construction. Plus, Layout Pro has basic site survey capabilities and allows the creation of as-built records.

Layout Pro organizes and standardizes all layout activity for your equipment from a transit and tape to a mechanical total station and even the FOCUS 30 robotic total station. You'll see the savings in shorter training times as well as more flexibility and independence—if one instrument is unavailable, you can quickly and easily swap out for another. When used with a total station, Layout Pro provides the most significant gains in productivity, accuracy and reliability.

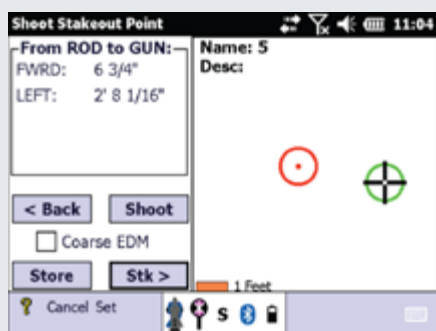


Layout with a Robot

For an even higher level of productivity and flexibility, Layout Pro can be used with the FOCUS 30 robotic total station. Layout Pro on the Ranger 3 data collector with its built-in radio, provides remote control capability. All layout tasks can be done by one person from the rod. Setup the instrument, connect to it with the radio using the Ranger 3 and Layout Pro, and you're ready to layout points. The on-screen real-time display will guide you directly to each point.



Once you are close to the point, the display changes to a precise position display. It's easy and fast to get the rod right on the point.



One person. Fast, accurate, and reliable. The FOCUS 30 and Layout Pro make for quick work of all your layout requirements.

Speed and Reliability

Layout Pro software is a critical tool in the field of construction layout, designed to make the layout process more productive, accurate and reliable.

Layout Pro is specifically designed to meet the unique requirements of in-the-field construction layout. With Layout Pro you have the ability to input blueprint dimensions and build a digital replica of the layout plan. Then you can use Layout Pro to guide the layout of the major points, add string dimensions on the print, as well as calculate diagonals and angles. Layout Pro makes more complex layouts—such as curves and arcs—as straightforward as any other.

Onboard or Data Collector

Layout Pro runs onboard the Nikon Nivo C and the Spectra Precision FOCUS® 8 total stations providing an all-in-one solution. The power and simplicity of Layout Pro—combined with onboard data collection—make for a simple and efficient solution.

Or choose the Nomad data collector to control a wide variety of total stations including the Nikon Nivo M and the Spectra Precision FOCUS® 6.

Whichever option you choose, Layout Pro runs the same. It will provide fast and easy layout of all your site work.

Layout Pro Office

This software is the perfect companion tool for Layout Pro in the field. Layout Pro Office provides the necessary tools to extract points and lines from CAD drawings to use in the field. It also provides a point pattern editor to create patterns for such things as anchor bolts.

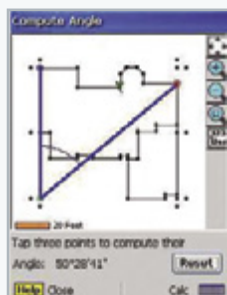
Layout Pro Office includes the same basic tools for plan design, measuring, and calculations as the field software, so it is easy to use. Layout Pro Office can then be used to transfer the files to the data collector or total station for use in the field.



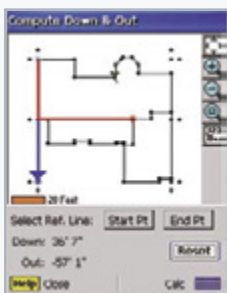
Layout Pro Function Table



Easily enter your plan information



Simply select three points to compute angles



Compute "down-and-out" information without the math

FILE MANAGEMENT FUNCTIONS

- New job
- Open job
- Save job as
- Delete a job
- Rename a job
- Lock/Unlock job

SETTINGS & PREFERENCES

- Instrument
 - Manual mode
 - Do Not Prompt for Measurements
 - Prompt for Measurements
 - Total station
 - Multiple models supported
 - Communications settings
 - Robotic Total Station
 - FOCUS 30
 - Radio Com Settings
- Units
 - Distances
 - Feet
 - Feet-Inch
 - Meters
 - Angles
 - Degrees
 - Grads/Gons
- Format
 - Data display
 - Coordinate order
- Stakeout (Layout Tolerances)
 - Horizontal
 - Vertical

ENTER PLAN

- Input plan
 - Enter point, distance, direction
 - Change elevation
 - Enter an arc
 - Intersect lines
 - Mid-point of lines
 - Offset points
 - Connect points
 - Closure checks
- Edit plan
 - Change
 - Insert
 - Delete
- Create grid points
- View plan/Compute with plan
- Input/Edit coordinates

IMPORT/EXPORT

- Import text file
- Export
 - DXF
 - Text file
- Reports
 - Stakeout
 - Deviation
 - Out of tolerance

SETUP & LAYOUT

- Setup instrument point
- Stakeout using
 - Entered plan
 - Reference line
 - Reference arc
- Layout using two tapes
- Measure site



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