

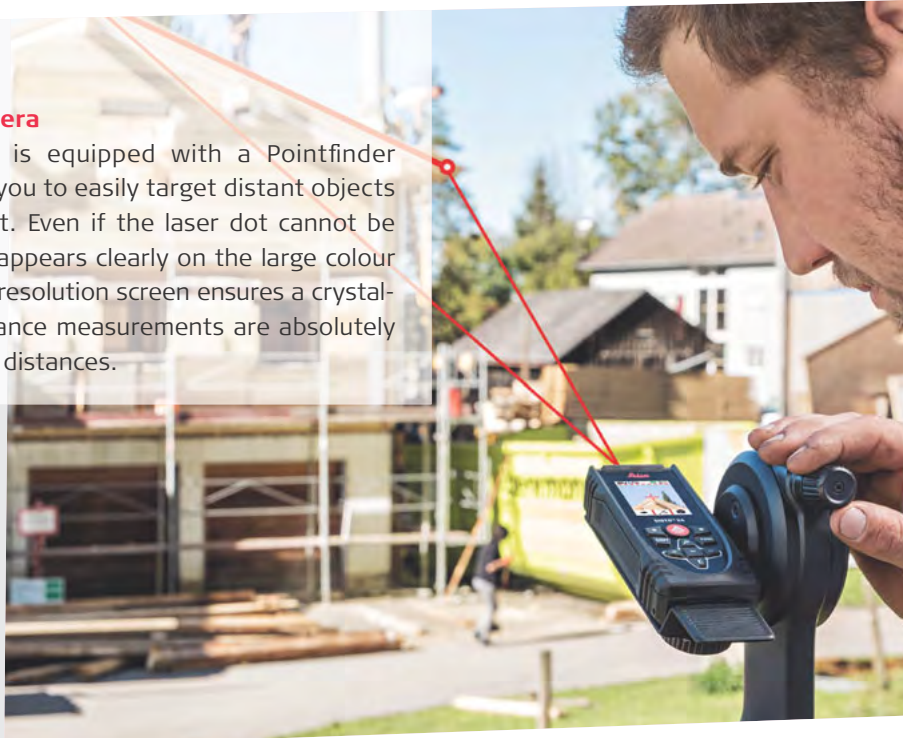
# Leica DISTO™ X4

## Designed for bright, outdoor environments



### Pointfinder camera

The DISTO™ X4 is equipped with a Pointfinder camera allowing you to easily target distant objects in bright sunlight. Even if the laser dot cannot be seen, the target appears clearly on the large colour display. The high-resolution screen ensures a crystal-clear image. Distance measurements are absolutely precise over long distances.



# Leica DST 360

## Make your X-series into a P2P tool

### Point to Point Measuring (P2P)

The DST 360 is a great addition for your Leica DISTO™ X3 and X4. It will transform your handheld tool into a real station allowing you to measure distances between any 2 points. In combination with the Leica DISTO™ Plan app you can draw scaled plans which can be used in CAD tools.

### Metal design

The Leica DST 360 is made entirely out of metal. This ensures highest robustness and continuous precision.

### Precise aiming

Fine adjustment handles on the Leica DST 360 allow you to accurately aim at measurement points in seconds.

### Job site ready

The Leica DST 360 comes with a compact but sturdy tripod TRI 120. Both are stored in a very robust case (IP 67) with space for your Leica DISTO™ X3 or X4. This means all your equipment is stored safely in one place.

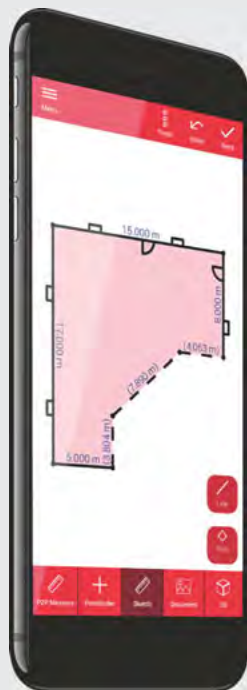
# Leica DISTO™ X4 at a glance



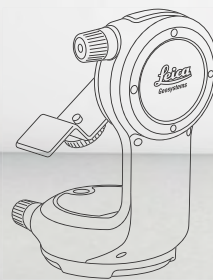
| Applications              |                                                                | X4     |
|---------------------------|----------------------------------------------------------------|--------|
| General important aspects | Digital Pointfinder for outdoor measuring                      | ●      |
|                           | Max. range                                                     | 150m   |
|                           | Accuracy                                                       | ± 1 mm |
|                           | P2P functionality                                              | ●*     |
|                           | Extra durable housing with IP 65 and 2m drop tested            | ●      |
| Computer interface        | Interfaces                                                     |        |
|                           | Data transfer to DISTO™ Plan and DISTO™ compatible apps        | ●      |
|                           | Data transfer to any software or app                           | ●      |
| Distances                 | Distance measurement from device                               | ●      |
|                           | Dimensional measurements on objects                            | ●      |
|                           | Indirect distance measurement over obstacles                   | ●      |
|                           | P2P function – any distance between 2 points                   | ●*     |
| Areas                     | Rectangular shapes (length and width)                          | ●      |
|                           | P2P – Smart Area for complex shapes                            | ●*     |
|                           | Measure in picture – facades, vertical boards                  |        |
| Volume                    | Rectangular shapes (length, width, height)                     | ●      |
| Widths                    | Using Pythagoras Theorem                                       | ●      |
|                           | Measure in picture – width measurement                         |        |
|                           | P2P function                                                   | ●*     |
| Heights                   | Smart functions using distance and inclination for calculation | ●      |
|                           | Height profile                                                 |        |
|                           | P2P function                                                   | ●*     |
| Slopes                    | Inclinations                                                   | ●      |
|                           | Smart functions using distance and inclination for calculation |        |
|                           | P2P function                                                   | ●*     |
|                           |                                                                |        |
| Positioning               | Continuous measuring – tracking                                | ●      |
|                           | Stake-out                                                      | ●      |
|                           | Plumbing, transferring heights                                 |        |
|                           | Projection of pre-defined pattern or dxf data                  |        |
| Planing                   | P2P – dxf data capturing on device                             |        |
|                           | Draw and measure (floor)plans                                  | ●**    |
|                           | P2P – point capturing for floor plans and facades              | ●***   |
|                           | Smart Room – measure and draw                                  | ●**    |
|                           | pdf, jpg and dxf exports                                       | ●**    |
|                           | Measure and document on picture                                | ●**    |
|                           | Automatic scan of structures                                   |        |
| Usability                 | Touchscreen                                                    |        |
|                           | Favorite keys                                                  | ●      |
|                           | Automatic end piece                                            | ●      |

# Leica DISTO™ Plan

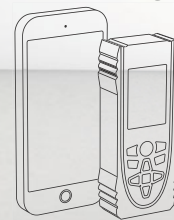
## Measuring requires documentation



Leica DST 360



Leica DISTO™ Plan



The Leica DISTO™ Plan app assists you with the vital task of documenting and visualising your measurements. This way you can easily plan the next steps of your project.

### Sketch Plan — create a scale drawing

Simply use your fingers to create a sketch on your smartphone or tablet. Then take corresponding measurements and assign them to the relevant lines of your sketch. The app's 'auto-scale' function automatically adjusts the lines' length and the result is a scaled drawing, showing surface area and circumference. It is that easy to produce a CAD ready floorplan.

### Smart Room — plan while you are measuring

A newly integrated sensor in the Leica DISTO™ X3 and X4 makes it possible to create accurate floor plans simply by taking clockwise or counter-clockwise measurements of a room. Once all measurements

are taken, the app automatically generates the plan. Keeping records of each measurement and the angle between any two of those measurements at the same time makes it possible.

### Measure Plan — create as-build plans for CAD

The Leica DISTO™ app supports P2P technology which makes it possible to create detailed floor or wall plans, including doors and windows. Once complete, simply export your plans as a dxf or dwg file into your preferred CAD solution.

### Sketch on Photo — dimension objects in pictures

Leica DISTO™ Bluetooth® Smart technology allows you to assign distance measurements to the appropriate part of a picture taken with your tablet or smartphone. This way you can document all your measurement results and easily process them later in the office.

# The world of measuring apps

## Your access to your software packages



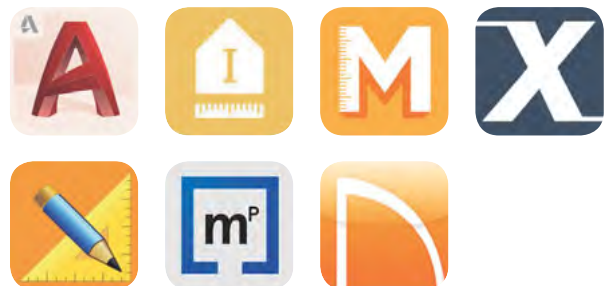
### Leica DISTO™ transfer

The software Leica DISTO™ transfer makes it possible to transfer measurement data directly into AutoCAD® or BricsCAD® on site. This way you can start working within your CAD software straight away and continue to build upon documenting measurement data.

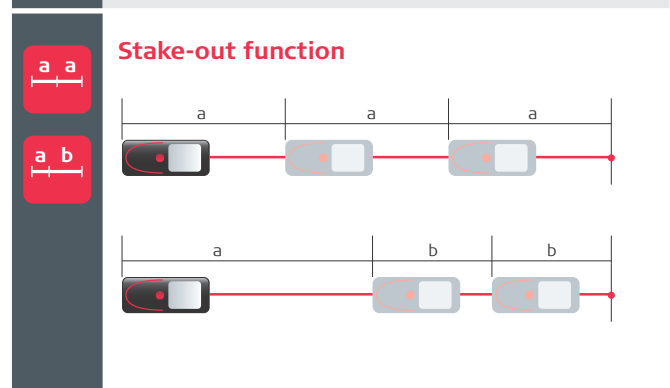
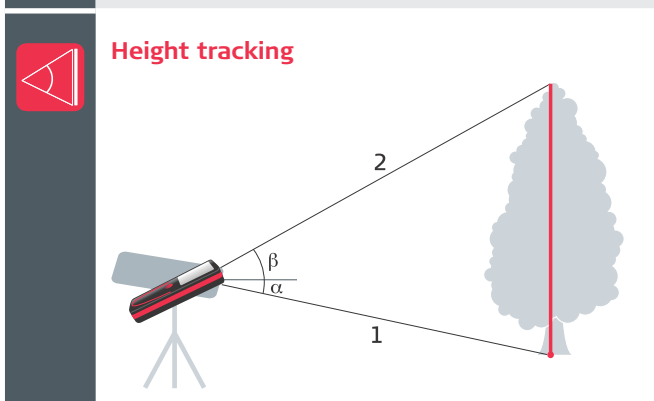
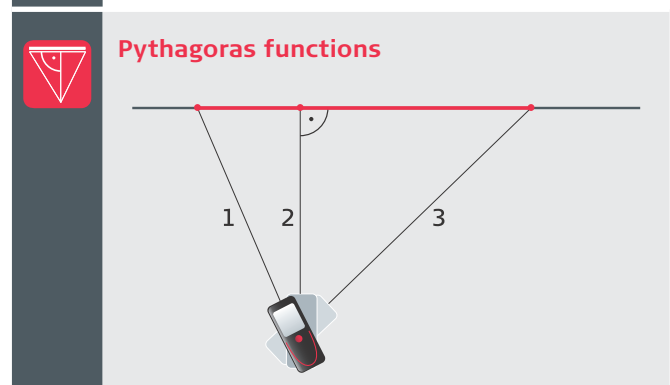
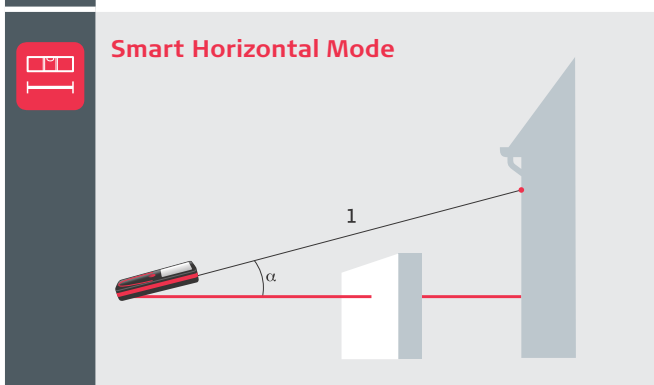
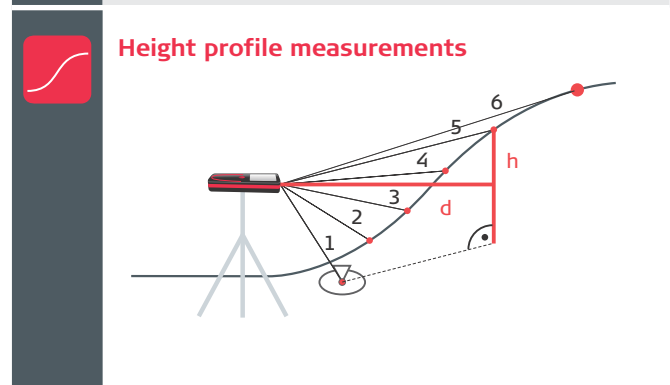
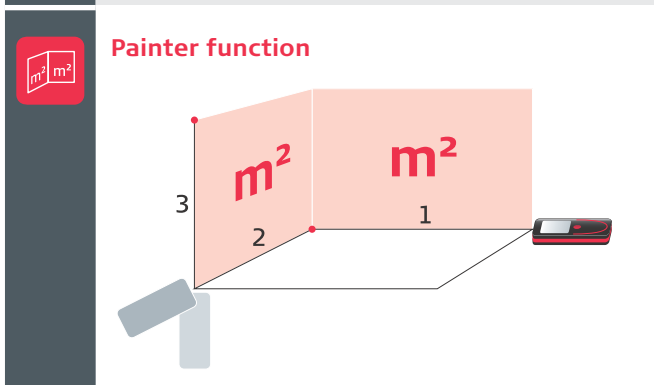
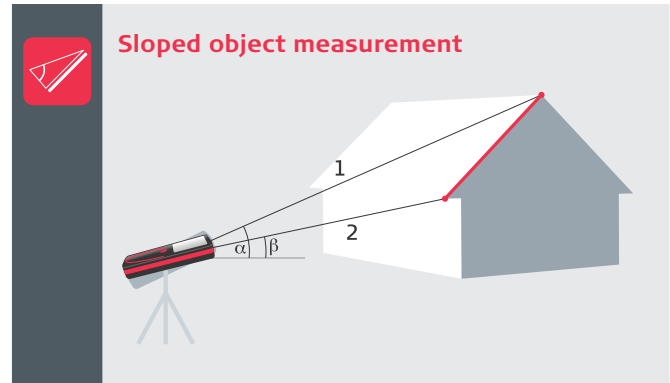
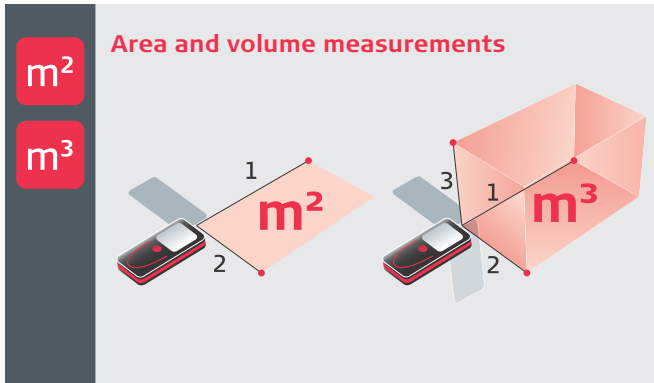
[www.disto.com](http://www.disto.com)

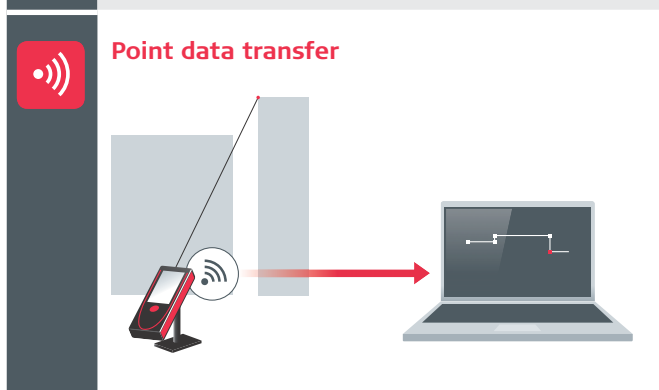
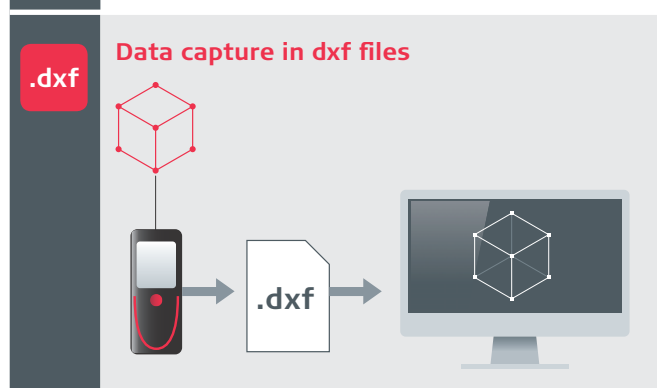
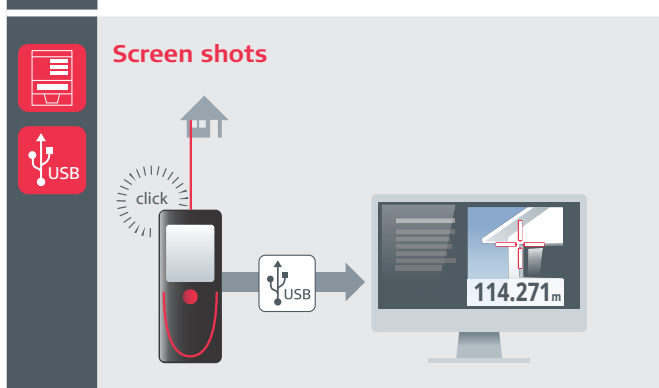
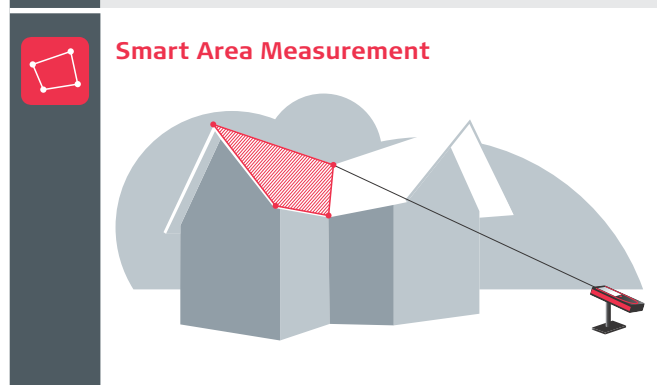
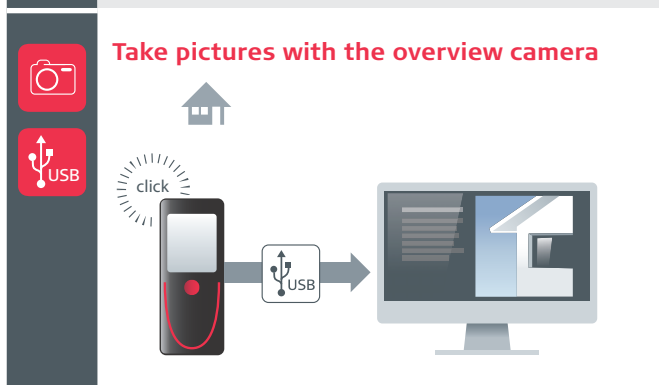
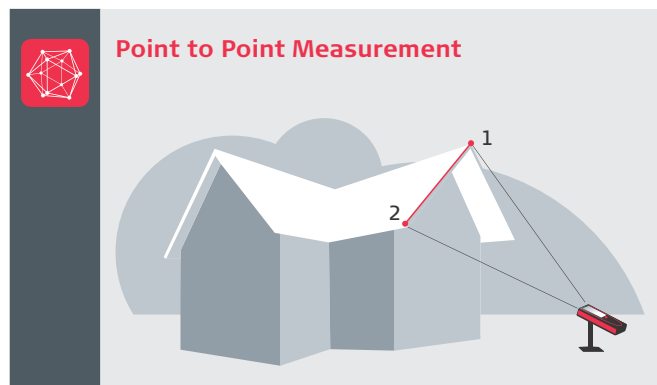
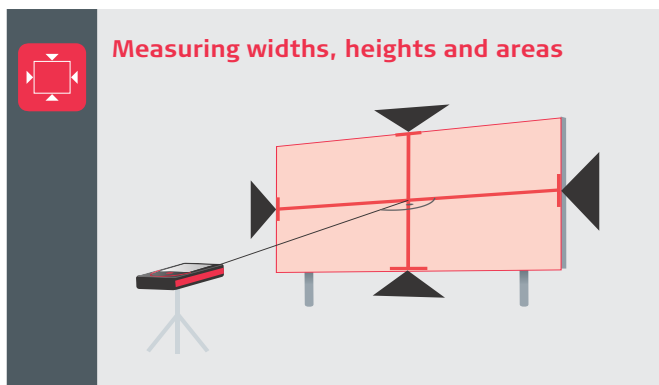
### Apps made for Leica DISTO™

Leica DISTO™ devices are supported by numerous apps which can be downloaded from the App Store or Google Play. Explore the different apps and discover the great opportunities your DISTO™ provides.



# Any measurements are possible





# Technical data

| Technical data                                       | X4 |  |  |                               |
|------------------------------------------------------|----|--|--|-------------------------------|
| Art. No.                                             |    |  |  | 855107                        |
| Packaging solution Art. No.                          |    |  |  |                               |
| Typ. distance measuring accuracy                     |    |  |  | ± 1.0 mm                      |
| Range                                                |    |  |  | 0.05 up to 150 m              |
| Measuring units                                      |    |  |  | m, ft, in                     |
| X-Range Power Technology                             |    |  |  | ●                             |
| Distance in m<br>Ø of the laser dot in mm            |    |  |  | 10, 50, 100 m<br>6, 30, 60 mm |
| Tilt sensor                                          |    |  |  | ●                             |
| Tilt sensor accuracy to the laser beam               |    |  |  | ± 0.2°                        |
| Tilt sensor accuracy to the housing                  |    |  |  | ± 0.2°                        |
| Units in the tilt sensor                             |    |  |  | 0.0 °, 0.00 %                 |
| Smart Base measuring range<br>Horizontal<br>Vertical |    |  |  | 360°*<br>-64° to > 90°*       |
| Distance in m<br>Typ. tolerance of the P2P function  |    |  |  | 2, 5, 10 m*<br>± 2, 5, 10 mm* |
| Levelling range                                      |    |  |  | ± 5° *                        |
| Pointfinder with zoom                                |    |  |  | 4 ×                           |
| Additional overview camera                           |    |  |  |                               |
| Picture file format                                  |    |  |  |                               |
| Memory for pictures                                  |    |  |  |                               |
| CAD data format on device                            |    |  |  |                               |
| Memory for CAD files on device                       |    |  |  |                               |
| Memory for last measurements                         |    |  |  | 20                            |
| Display illumination                                 |    |  |  | ●                             |
| Free software for Windows                            |    |  |  | ●                             |
| Free App for iOS and Android                         |    |  |  | ●                             |
| Smart Room support                                   |    |  |  | ●                             |
| General data interface                               |    |  |  | Bluetooth® Smart              |
| Data interface for 3D point data                     |    |  |  | Bluetooth® Smart*             |
| Measurements per set of batteries                    |    |  |  | up to 4,000**                 |
| Service life of batteries                            |    |  |  | up to 8 h**                   |
| Multifunctional endpiece                             |    |  |  | ●                             |
| Automatic reference detection for endpiece           |    |  |  | ●                             |
| Tripod thread                                        |    |  |  | 1/4"                          |
| Batteries                                            |    |  |  | type AA 2 × 1.5 V             |
| Charging time                                        |    |  |  |                               |
| Protection class                                     |    |  |  | IP 65                         |
| 2 m drop tested                                      |    |  |  | ●                             |
| Dimensions                                           |    |  |  | 132 × 56 × 29 mm              |
| Weight with batteries                                |    |  |  | 188 g                         |

For all devices  **LASER 2**  in accordance with IEC 60825-1