Make measuring easier. Use the original.



Exciting Product News From Leica DISTO™

Januar 2024



The most comprehensive Laser Distancemeter Range in the World

Solutions without compromise since 30 years



Highlights at a Glance

Solutions without compromise since 30 years



Digital Pointfinder

Reliably see the measuring point over long distances and at bright condistions



Digital construction

Integration of laser distance measuring into digital workflows by use of Bluetooth® and USB interface.



± 1mm accuracy up to 10m

Highest precision for qualitative work



CAD support

Capture 2D and 3D DXF files incl. JPG of target points as well as CSV protocolls



Precise for up to 250m

Aiming adapter and solutions for safe measurement without moving the device



Reports, data saving incl.
Time stamp



Highest robustness

Devices made for almost any working environment



No downtime

Powerfull Li-Po batteries ensure long working time, also device can be used during power supply



Certified quality

Quality standards and reliable design give you peace of mind



Problem solver

Numerous functions are providing solutions for most workflows





The new Leica DISTO™ D5 - Highlights

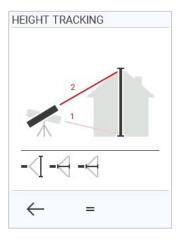


The new Leica DISTO™ D5

29 Languages supported



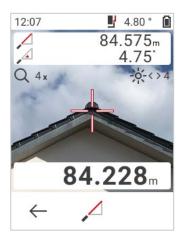




Function Menu

Settings Menu

Help functions



Clearly structured and readable display content





Technical Specifications

DISTO D5

| Specification | Description | Your benefit |
|---------------------|--|---|
| Range | 0.05 to 200m (0.07-650ft) → Favorable conditions 0.05 to 120m (0.16-390ft) → Unfavorable conditions in accordance with ISO 16331-1 | Outstanding measurement performance for range and measuring time. ISO certified. |
| Accuracy | +/- 1mm (0.04in) → Favorable conditions +/- 2mm (0.08in) → Unfavorable conditions in accordance with ISO 16331-1 | Highest measuring accuracy, ISO certified. Calibration certificate included |
| Digital Pointfinder | HD Camera for use as 1, 2 and 4-fold zoom | Use camera for measuring in sunlight condition, zoom-in for long distances |
| Inclination sensor | +/- 0.2° | Measure inclinations and increase measuring functions incl. Smart Horizontal Mode |
| Power supply | Li-Po rechargable battery and external USB-C power supply | Long measuring with Li-Po technology, improve your sustainability |
| Bluetooth | 5 (incl. Keypad mode) | Get most out of wireless data communication to Apps and e.g. Excel application |
| IP class | IP54 | Protected against dust and water |
| | | |
| Size | 144x60x24mm (5.67x2.2x0.94in) | Ergonmic size to fit in your hand as well as your pocket |
| Weight | 180g | Light weight to be your daily companion |



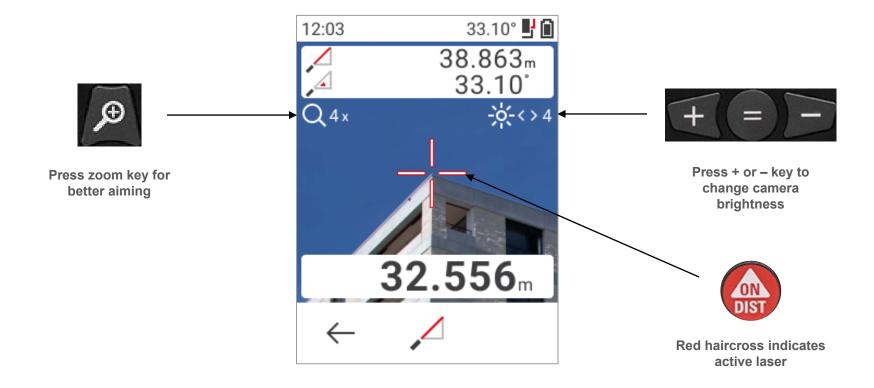
Functions

DISTO D5

| Specification | Your benefit |
|-----------------------|---|
| Area/Volume | Basic function |
| Triangle Area | Devide any room into triangles and measure precisely its area by use of this function and adding the segments |
| Addition/Subtraction | Basic function |
| Painter function | Measure the perimeter by summing it up and finally measure the height to get wall areas |
| Pythagoras | Basic function |
| Smart Horizontal Mode | Make sure measurements are calculated to horizontal level to get highest accuracy |
| Stack Memory | Automatically saves measurements and get a history of the last 50 measured screens |
| Height tracking | Measure a height when only one point is measurable with a laser |
| Sloped objects | Measure eloped objects like roofs or pitched facades |
| Height profile | Get a height profile in relation to a reference point. A height of a reference point can be entered (e.g. height above sea-level) |
| Stake-out | Find fast and easy repetitive distances |
| Smart Area | Draw sketches right by doing measurements (DISTO Plan App required) |

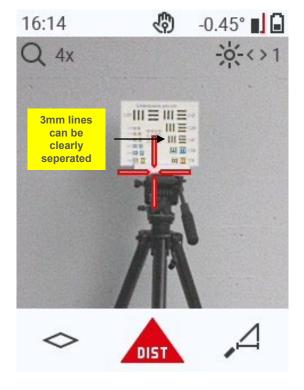


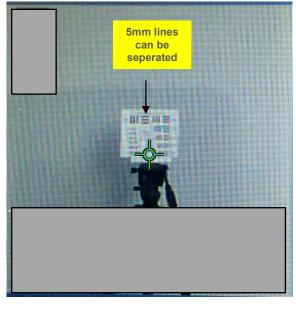
Improved Digital Pointfinder



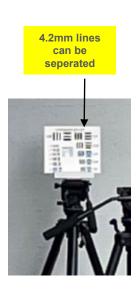


Digital Pointfinder comparison at 9m distance









Leica DISTO™ D5

Competitor 1

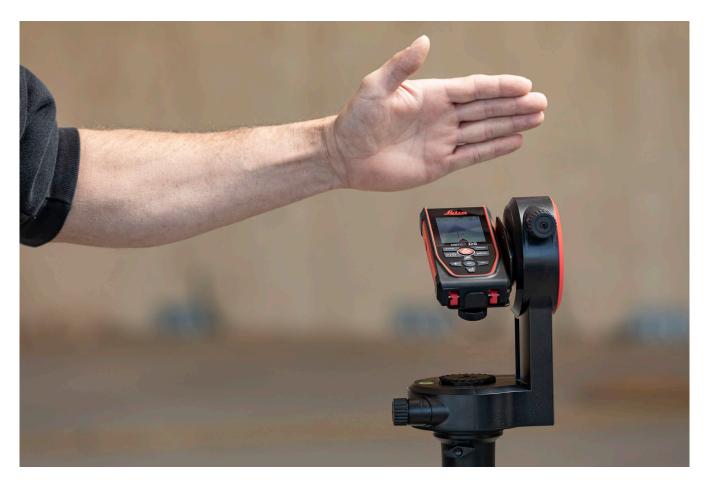
Competitor 2

iPhone 12



4

New Gestic Control



Move your hand through the laser beam at a distance of 0.05 to 0.25 m to trigger the measurement.



Measuring Areas





Rectangular Area

- Measure Length and Width of a rectangular area
- Use + to add multiple areas
- Use to subtract relevant openings like e.g. windows or doors
- Get additionally the perimeter of the measured area





Wall Areas (Painter)

- Use + or in Area function to start measuring the perimeter
- Once perimeter is calculated measure the height of the room
- Get the total wall area





Triangular Area

- Divide any room shape into virtual triangles
- Mease the triangles and press + to add them (or – to subtract)
- Get finally the total area of even complex room shapes

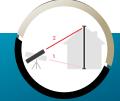


Measuring distances with use of Inclination sensor



Smart Horizontal

- Start function to make sure that any measured distance is corrected to the real horizontal distance
- Function can be used to measure by purpose across obstacles like furniture or earth piles





Height Tracking

 Measure distance only at one point and use Pointfinder to aim second hardly measurable point (e.g. top of a tree). As a result you will get the height



Slopes

 By measuring two points of a roof you can get multiple results like slope, pitch of the roof, height difference, horizontal width





Height Profile

- Capture a height profile of a piece of land by measuring multiple points.
- Measure a reference point with the relevant height
- Enter a defined height for the measured reference point. E.g. enter the sealevel, all points will be measured incl. this value



Other new features with high relevance



Keyboard Mode

 Connect via Bluetooth to a computer/Tablet or Smartphone like an external keyboard. Sending any measurement value from the DISTO™ will transfer the value to the current cursor position on any application.



Stack memory

 Measurements are continuously saved automatically after measurement is done.
 Recall the last 50 measurements if needed.





29 Languages

 Getting additional information or support on your device. Select from 29 languages, this will improve usability enormously.





Flex. Auto-shut-off

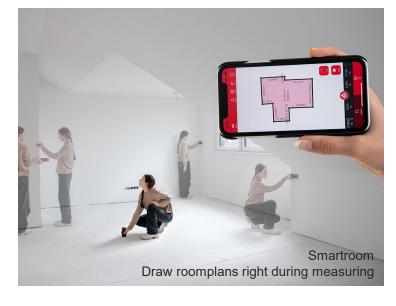
 If needed increase the time until the DISTO™ device automatically shuts-off for saving power to up to 10 minutes.



Applications DISTO D5















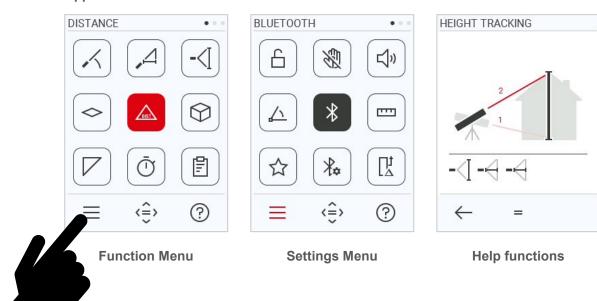


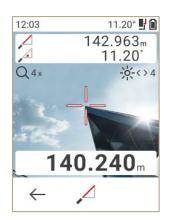
The new Leica DISTO™ X6 - Highlights



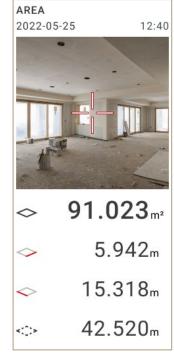
The new Leica DISTO™ X6

29 Languages supported





Clearly structured and readable display content



Save Reports for your reference and download via USB-C

Geosystems



Touch control

Technical Specifications

DISTO X6

| Specification | Description | Your benefit |
|---------------------|--|---|
| Range | 0.05 to 250m (0.07-820ft) → Favorable conditions 0.05 to 150m (0.16-500ft) → Unfavorable conditions in accordance with ISO 16331-1 | Outstanding measurement performance for range and measuring time. ISO certified. |
| Accuracy | +/- 1mm (0.04in) → Favorable conditions +/- 2mm (0.08in) → Unfavorable conditions in accordance with ISO 16331-1 | Highest measuring accuracy, ISO certified. Calibration certificate included |
| Digital Pointfinder | HD Camera for use as 1, 2 and 4-fold zoom | Use camera for measuring in sunlight condition, zoom-in for long distances |
| Inclination sensor | +/- 0.2° | Measure inclinations and increase measuring functions incl. Smart Horizontal Mode |
| Power supply | Li-Po rechargable battery and external USB-C power supply | Long measuring with Li-Po technology, improve your sustainability |
| Bluetooth | 5 (incl. Keypad mode) | Get most out of wireless data communication to Apps and e.g. Excel application |
| IP class | IP65 | Protected against dust and splash water |
| Drop protection | Tested from 2m height | Robust design for even tough working environment |
| Size | 155x68x25mm (6.1x2.68x0.98in) | Ergonmic size to fit in your hand as well as your pocket |
| Weight | 230g | Light weight to be your daily companion |



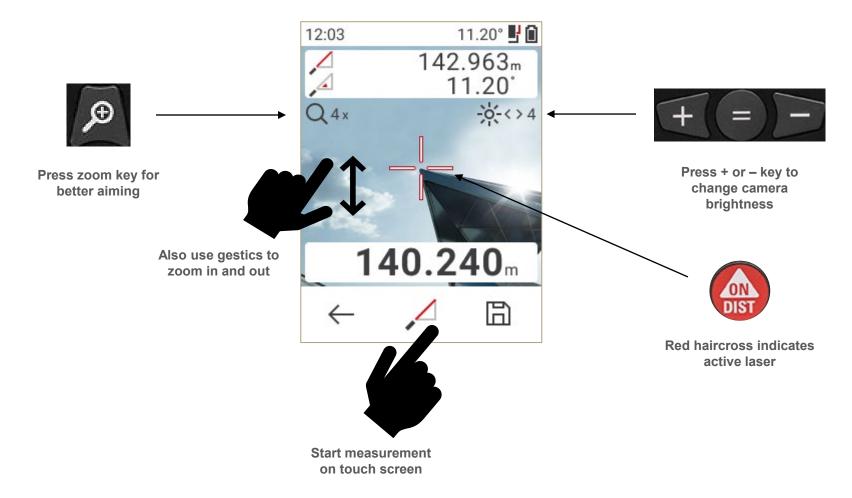
Functions

DISTO X6

| Function | Your benefit |
|-----------------------|---|
| Area/Volume | Basic function |
| Triangle Area | Devide any room into triangles and measure precisely its area by use of this function and adding the segments |
| Addition/Subtraction | Basic function |
| Painter function | Measure the perimeter by summing it up and finally measure the height to get wall areas |
| Smart Horizontal Mode | Make sure measurements are calculated to horizontal level to get highest accuracy |
| Height tracking | Measure a height when only one point is measurable with a laser |
| Sloped objects | Measure eloped objects like roofs or pitched facades |
| Height profile | Get a height profile in relation to a reference point. A height of a reference point can be entered (e.g. height above sea-level) |
| Measure in Picture | Take a picture and do measurements like width, diameter or area right in it |
| Reports | Save up to 300 measurement reports (incl. Time stamp and photo) |
| Stake-out | Find fast and easy repetitive distances |
| Smart Area | Draw sketches right by doing measurements (DISTO Plan App required) |



Digital Pointfinder and Touchscreen





Highest Robustness



The DISTO X6 is IP65, which means that it is fully dust tight and jet-water protected. The device has also been drop-tested from a height of 2 m. Complex external and internal design elements ensure that no defect occurs during such tests.



Measure in Picture



- Stand rectangular to an object and measure to it
- Use Touchscreen or left/right key to move arrows in display to the edges
- Press = to finish measurement and getting the width



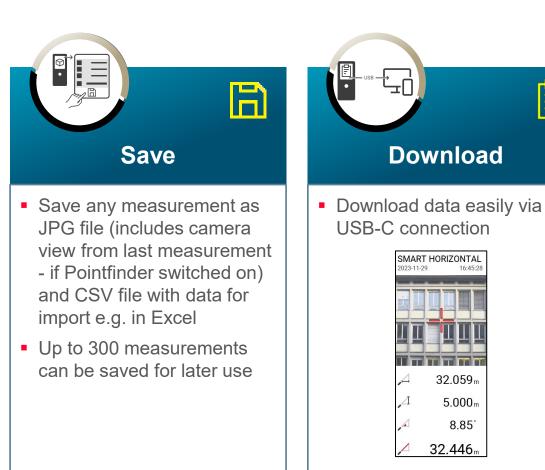
- Stand rectangular to a round object and measure to the centre point
- Use Touchscreen or left/right key to move arrows in display to the edges
- Press = to finish
 measurement and getting
 the diameter, circumference
 and cross-sectional area



- Stand rectangular to an object and measure to it.
 DISTO™ can be inclined
- Use Touchscreen or left/right/up/down key to move arrows in display to the edges
- Press = to finish measurement and getting the width, height (inclined DISTO™ considered) and area



New Saving Reports





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Applications DISTO™ X6



data download of Reports lata on site and download in the office













The new Leica DISTO™ X6 P2P-package

Full package solution for measuring P2P, conists of

- Professional tripod TRI 120
- Adapter DST 360-X
- USB charger with different plugs
- USB-C cable
- Pouch
- Target plate GZM 3
- metaBox System case for combining with Powertools



Fine adjustments for precise vertical aiming over long distances

Easy and safe transport with the metaBox system.
Also combine with other tools to connect the system cases



Fine adjustments for precise Hz aiming over long distances



Leica DST 360-X

Solid one-piece housing for high precision, The intelligent adapter for smart workflows durability and site-proofness Passive processor unit for extremely low power consumption, no additional battery required Connection to DISTO via contact pins **Encoder for Hz and V angle measurements**



Technical Specifications

DISTO X6 P2P package

| Specification | Description | Your benefit |
|----------------------|--|--|
| P2P working range | Horizontal → 360° Vertical → -64° to >90° | Great working range with almost no restrictions |
| Typ. Accuracy | +/- 5mm (0.2in) @ distances up to 5m (16ft) +/- 10mm (0.4in) @ distances up to 10m (32 ft) | Precise for many applications auch as as-built documentation |
| P2P-file format | DXF, CSV, JPG | Common file formats for use with almost all CAD applications and Excel |
| Memory for P2P-files | Multiple files for up to 1'000 points (incl. JPG) | Flexible usage of up to 1'000 measuring points in multiple files |
| Power supply | Li-Po rechargable battery and external USB-C power supply (from leica DISTO X6, no seperate power supply needed) | Low power consumption enables to use system with DISTO battery only. Usage of system with external power bank or power supply means no downtime! |
| Working height | With TRI 120 \rightarrow 1.32m Without tripod \rightarrow 0.16m | Convinient working on any object surface or on a stable tripod. |
| Weight | DISTO X6 with DST 360 → 1.58kg Case with all equipment → 6kg | Light weight for easiy handling and transport. |



Functions

DISTO X6 P2P package

| Function | Your benefit |
|--|--|
| Fine adjustments | Aim preciselly even over longer distances |
| Basic Point-to-Point distance | Basic function to get the distance between any two points |
| Point-to-Point distance with a levelled device | Get the distance between any two points including height difference, horizontal distance (as shown in plans), inclination |
| Point-to-Line distance | Determines the position of a point relative to a line. In this way, the position of a point relative to a side of a house or the boundary of a plot of land, etc. can be documented. |
| Smart Area | Measure an area on a wall or floor or inclined like e.g. a roof. Use also + or - to calculate with those areas |
| 3D points capturing to CAD files | Capture any 2D or 3D geometry incl. photos of measured points. File will be a DXF or CSV file plus photos in JPG. |



Product Highlights DISTO™ X6 P2P Package

Point measurement in 2D and 3D, incl. New P2L function



 Simply measure 2 points from any location and get the slope distance between those



- Start with the levelling of your Leica DISTO™ with DST 360-X
- Measure any 2 points to get the height difference, horizontal distance, inclination and the slope distance
- Repeat 2nd measurement to get this done for multiple points



- Measure a first reference point and then a second point along a reference line
- You can now measure several points and get the distance along the reference line plus the perpendicular distance to it
- This way you can reference several points and find them again later when they are no longer visible



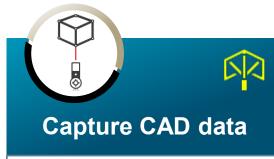
Product Highlights DISTO™ X6 P2P Package

Measuring 2D and 3D Geometries



Smart Area

- Measure an area by measuring corner points clock- or counterclockwise
- Get beside Area also the perimeter of the area
- Use + or to calculate the area of multiple planes like e.g. complex roofs



- Capture DXF- and CSV files for later use in CAD applications or Excel.
- When Pointfinder is used also a JPG file of the measured point is saved
- Measure totally up to 1'000 points in as many files you need



Short Insight into the new P2L function



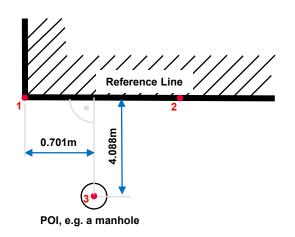
Use this function for documenting points of interest.

Use tracking mode within this function to stake-out such points or find parallel lines to existing walls or boundaries

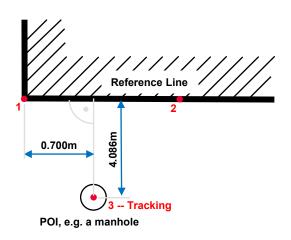


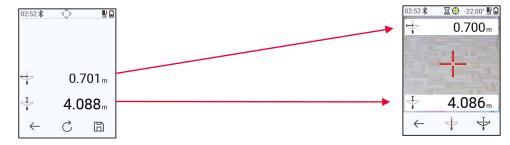
Use cases for the new P2L function

Chain and Offset Method to capture a POI

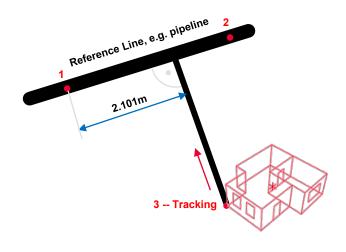


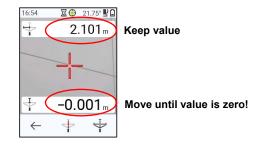
Chain and Offset Method to stake-out a POI





Stake-out orthogonal point

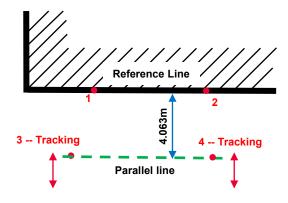


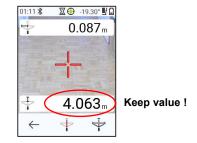




Use cases for the new P2L function

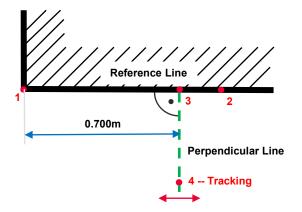
Stake-out parallel line

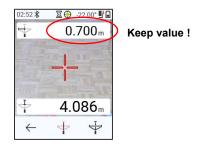




Note: if value is zero any point along a reference line can be staked-out

Stake-out Perpendicular Line



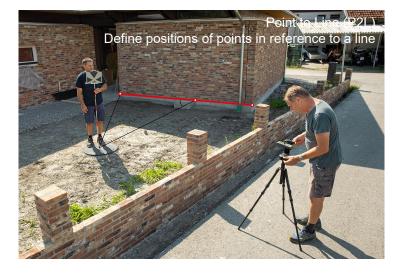




Application DISTO™ X6 P2P Package











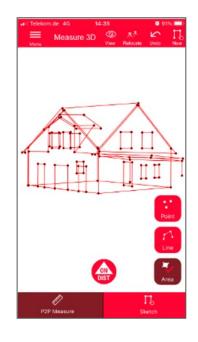


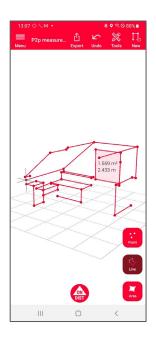




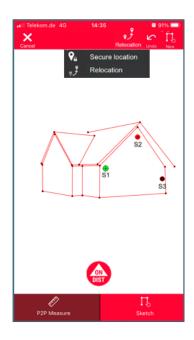
DISTO™ Plan 3.1 with new Relocation feature







Measure any 3D geometry with your P2P solution



Supporting «Relocation»

→ No limits for proper 2D and 3D documentation
by capturing objects from multiple set-up points



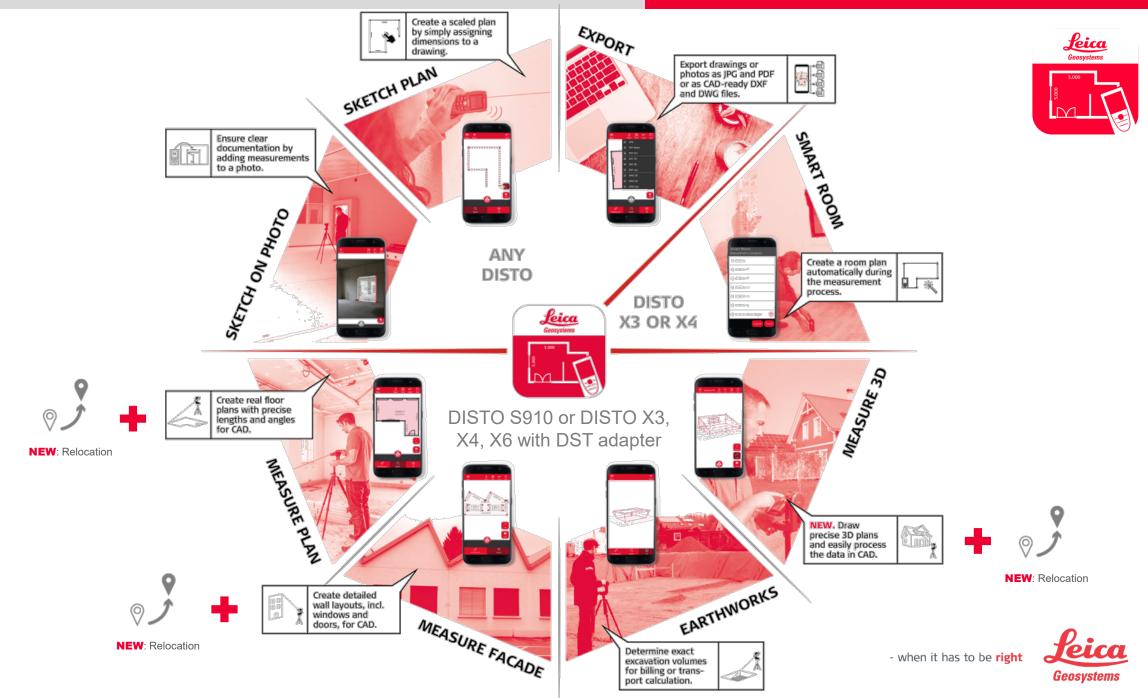
Functions

DISTO™ Plan App

| Function | Your benefit |
|----------------------------|---|
| Sketch on Photo | Take a quick photo and add measurements or text elements for quick, easy and clear communication |
| Sketch plan | Easy floorplans by simple drawing and adding dimensions |
| Smartroom * | Draw while you measure. Measurements including drawing direction are transferred to a plan in real time. |
| Measure Plan ** | Comprehensive real floor plans by using the DST adapter for further work in 2D CAD systems. Any corner point can be measured at any height and will be projected to the floor |
| Measure Façade ** | Comprehensive real facade plans by using the DST adapter for further work in 2D CAD systems. Each measuring point is projected onto the predefined façade plane. |
| Earthworks ** | Measure the outline of an excavation and determine the slope and depth to calculate the volume of the excavation. |
| Measure 3D ** | Capture any 3D geometry from multiple locations. The 3D visualisation gives you on-site feedback on your survey work. |
| Multiple Export Formats ** | Export in simple JPG or PDF format. For more extensive work, export in PDF-pro (incl. list of all measurements) or in 2D and 3D CAD data (DXF or DWG) for further processing on any CAD system. |

Requires an IMU sensor as it is used in DISTO D5 and the DISTO devices of the X-series
 ** Requires a DST adapter. Also these functions are in-App purchases







Product Overview

Sales information

| Leica D | ISTO™ D5 | Leica DISTO™ X6 | | Leica DISTO™ D5 package | | Leica DISTO™ X6 P2P-package | |
|--|---|--|---|--|--|--|--|
| Rice 192-992 000-05 | | Final Part of the Control of the Con | | Leica C | | | |
| | , Pouch, USB-C cable, Certificate Silver | | i, Pouch, USB-C cable, Certificate Silver | TRI 75 tripod, USB | Pouch, FTA 360 adapter, charger, USB-C cable, ation Certificate Silver | adapter, TRI 120 trip cable, GZM 3 ta | (6, Pouch, DST 360-X bod, USB charger, USB-C arget plate, metaBox, Certificate Silver |
| | 950908 7640180531241 | Art. no.: EAN no.: | 950909 7640180531258 | Art. no.: EAN no.: | 950879 7640180531265 | Art. no.: EAN no.: | 950878 7640180531272 |
| Units per pallet: Weight (device incl.): Size of packaging: Customs tariff number: | 12 pieces 480 pieces 0.420 kg 230 x 114 x 80 mm 90151000 Hungary | Units per master box: Units per pallet: Weight (device incl.): Size of packaging: Customs tariff number: Country of origin: | 12 pieces 480 pieces 0.485 kg 230 x 114 x 80 mm 90151000 Hungary | Units per master box: Units per pallet: Weight (device incl.): Size of packaging: Customs tariff number: Country of origin: | 2 pieces 40 pieces 5 kg 495 x 295 x 160 mm 90151000 Hungary | Units per master box: Units per pallet: Weight (device incl.): Size of packaging: Customs tariff number: Country of origin: | 2 pieces 40 pieces 6 kg 495 x 295 x 160 mm 90151000 China |
| GRP* | 479 € | GRP* | 599€ | GRP* | 799 € | GRP* | 1399 € |





Product Overview

Sales information for specific Accessory

| Leica I | DST 360-X | | narger with USB-C cable | | metaBox to other ystems | Mounting p | late for metaBox |
|---|---|--|------------------------------------|-----------------------|----------------------------|-----------------------|-------------------------|
| | Bin | | | | | | |
| Leica DST 360-X incl. EPP Inlay for Metabox | | | r with ww adapter o USB-C cable | Adapter plate to ot | her known system cases | Mounting | plate, 4x screws |
| Art. no.: EAN no.: | 950908 7640180531241 | Art. no.: EAN no.: | 969877 7640180531326 | Art. no.: EAN no.: | 979672 7640180532972 | Art. no.: EAN no.: | 979673 7640180532989 |
| Units per master box: Units per pallet: Weight (device incl.): Size of packaging: Customs tariff number: Country of origin: | 12 pieces 480 pieces 0.420 kg 230 x 114 x 80 mm 90151000 Hungary | Customs tariff number: Country of origin: | 85044000 Cambodia | Country of origin: | Czech Republic | Country of origin: | China |
| GRP* | 649€ | GRP* | 25 € | GRP* | 69 € | GRP* | 69 € |

Product Overview

Available Spare Parts

| 983876 | Leica metaBox 165L – Spare part | 7640180531333 |
|--------|--|---------------|
| 983878 | Leica metaBox inlay DISTO™ D5-1 – Spare | 7640180531388 |
| 983877 | Leica metaBox inlay DISTO™ X6-1 – Spare | 7640180531371 |
| 983879 | Mount for DST 360-X – Spare part | 7640180531296 |
| 983871 | Battery Li-Po DISTO™ D5/X6 - Spare part | 7640180531326 |
| 969879 | Set of 5 pcs. USB-C caps for DISTO™ D5-1 | 7640180531357 |
| 969880 | Set of 5 pcs. USC-C caps for DISTO™ X6-1 | 7640180531364 |
| | | |



Recommending the right Leica DISTO™

Reliable device at a reasonable price. Only basic functions for occasional measurements



Base unit with clip to attach to pocket so you can keep your hands free for other tasks



Instrument for many indoor applications with automatic end piece for a reliable measurement reference



Sophisticated product with high robustness for all indoor applications incl. Smart Horizontal Distance



Device with camera viewfinder for aiming and many useful outdoor functions



Rugged outdoor device with large Pointfinder display, touchscreen and memory download of reports via USB



State-of-the-art laser measurement for 2D and 3D documentation with the latest P2P technology



The added value of using Leica DISTO devices



Target Groups



Real Estate, insurance adjuster, appraiser

Value proposition:

Measure buildings in- and outside without assistant.



Facility and Building Manager

Value proposition:

Capture and document dimensions inand outside of buildings



Architectural engineer (planning and inspection)

Value proposition:

Get fast and reliably dimensions of a building in- and outdoor.



General Contractor

Value proposition:

Tough and versatile measuring tool for almost any measuring task.



Painter

Value proposition:

Measure for quotes in- and outdoor, even at facades.



Architect, **Building surveyor** (renovations and remodelling)

Value proposition:

As-built capturing for further processing in CAD. Measuring without surveyor knowledge.



Construction Surveyor

Value proposition:

Measure any dimensions of the building in- and outdoor.



Carpenter, Roofer, Solar Installer

Value proposition:

Measure even on roofs without climbing ladders.

DISTO™ D5

DISTO™ X6

DISTO™ X6 - P2P



Competition Overview

DISTO D5



| Range | 0.05 – 200m | |
|--------------------|-------------------------|--|
| Accuracy | +/- 1.0mm (ISO 16331-1) | |
| Pointfinder | 1,2, 4-fold zoom | |
| Display | 2.4" IPS, scratch proof | |
| Inclination sensor | +/- 0.2°, IMU | |
| Batteries | 2000mAH Li-Ion | |
| Memory | 50 | |
| IP class | IP54 | |
| Bluetooth | 5 | |
| Laser | 635nm | |

Bosch GLM 150-27C



| Range | 0.08 – 150m |
|--------------------|-------------------------|
| Accuracy | +/- 1.5mm (ISO 16331-1) |
| Pointfinder | 4 steps |
| Display | 2.8" IPS, scratch proof |
| Inclination sensor | +/- 0.2° |
| Batteries | 3120mAh Li-lon |
| Memory | 50 |
| IP class | IP54 |
| Bluetooth | 4.2 |
| Laser | 650nm |

Mileseey P7AK, Laserliner DistanceMaster, Trotec, Sola, Condtrol





| Range | 80 - 200m |
|--------------------|------------------|
| Accuracy | +/- 1.5 to 2mm |
| Pointfinder | 4-fold zoom |
| Display | 3" |
| Inclination sensor | P2P sensor (IMU) |
| Batteries | 3xNiMH |
| Memory | 100-1000 |
| IP class | IP54/IP65 |
| Bluetooth | Yes |
| Laser | 630-670nm |

Laserliner Vision, Condtrol



| Range | 0.05 – 80m |
|--------------------|------------|
| Accuracy | +/- 2mm |
| Pointfinder | Yes |
| Display | ? |
| Inclination sensor | Yes |
| Batteries | 3xNiMH |
| Memory | ? |
| IP class | ? |
| Bluetooth | No |
| Laser | 635nm |



