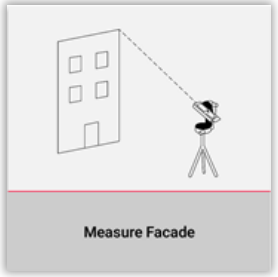
DISTO™ Plan App

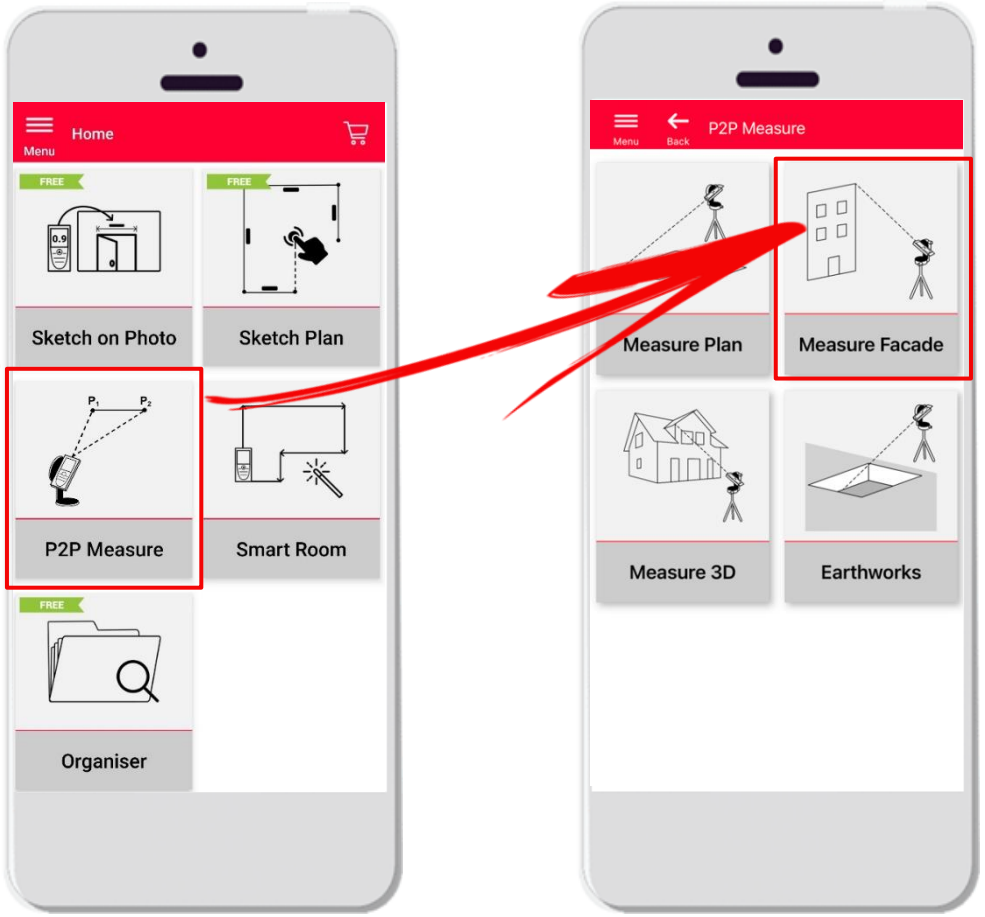
Measure Facade

- when it has to be **right**

Leica Geosystems

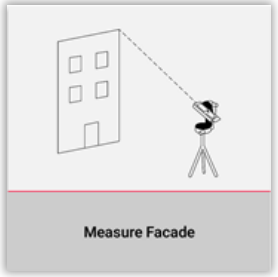
Measure Facade
Overview





- **Point-to-Point** technology for measuring 2D plans on vertical surfaces
- Simply define a vertical plane and all the measured points will be projected on this plane
- Compatible with **DISTO™ S910** (Wi-Fi), **DISTO™ X3/X4** (Bluetooth) on **DST 360** and **DISTO™ X6** (Bluetooth) on **DST 360-X**
- Features:
  - Export in JPG, PDF and CAD format (2D)

Measure Facade
Compatibility



Measure Facade is compatible with:

DISTO™ X3

or

DISTO™ X4

+

Leica DST 360

DISTO™ X6

+

Leica DST 360-X

DISTO™ S910
(via Wi-Fi)

- when it has to be **right**

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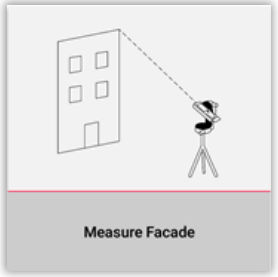
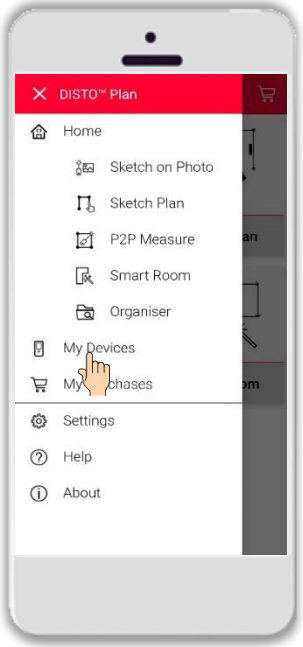


Measure Facade
How to start

Connect with your DISTO™:

Open **My Devices** menu from side bar



Find your DISTO™ on the list and **Connect**

Remember:
Connect with DISTO™ S910 via Wi-Fi

If you need more information about connectivity, please see:

- Our **How to connect** training materials
- Our **How to connect** videos

- when it has to be **right**

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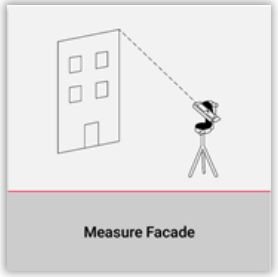
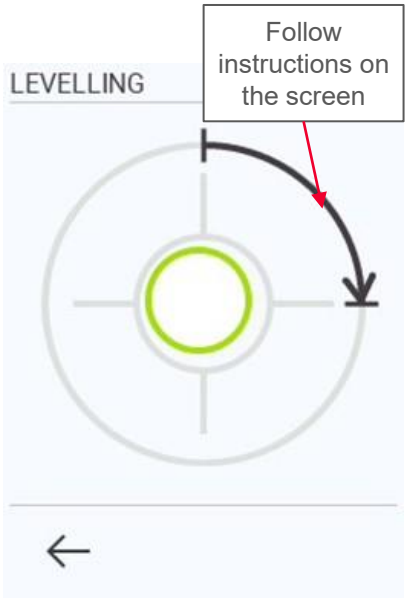


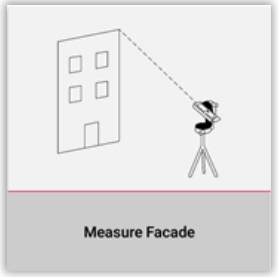
Measure Facade

How to start

Connect the DISTO™ to the **Leica DST 360 (X3, X4)** or **DST 360-X (X6)** adapter:

Level the instrument before starting measuring:

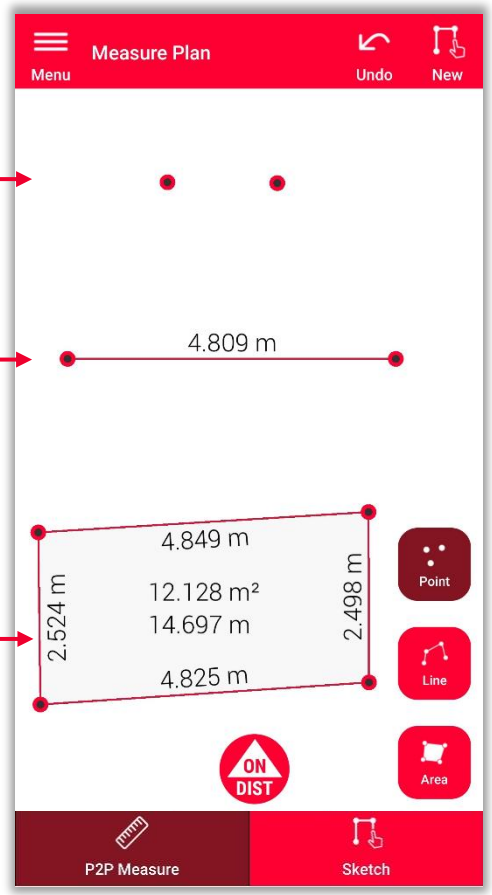




Measure Facade
Overview

In **Measure Facade** it is possible to measure:

- **Points**
  Single Point measurement.
- **Lines**
  You need at least two Points to create a Line. As soon as the line is measured, its **length** will be displayed on the screen
- **Areas**
  You need at least three Points to create an Area. As soon as the points are measured, the **circumference** and **area** are displayed on the screen



Remember:
It is possible to measure unlimited number of Points, Lines and Areas

Remember:
It is possible to create an Area using the Line feature by measuring the first point again (snapping)

- when it has to be **right**

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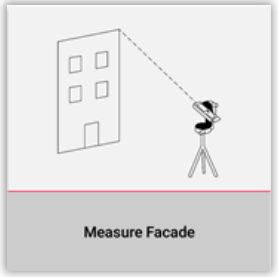
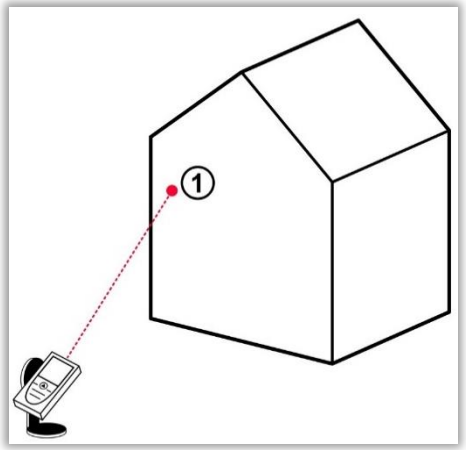


Measure Facade

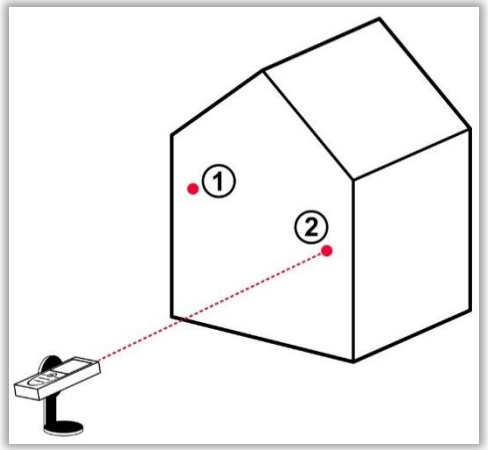
Define a vertical plane

Measure two points on the facade to define a **vertical projection plane**

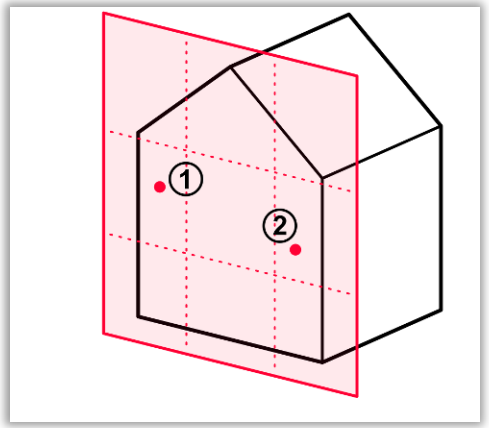
Use red **ON/DIST** button on your DISTO™ to trigger the measurement



Measure the first point on the facade

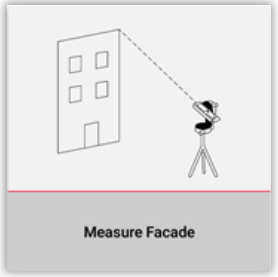


Measure the second point on the facade



All the further measured points will be **projected on the defined vertical plane**

Measure Facade
How to measure



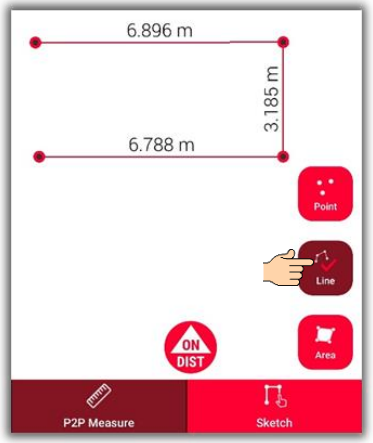
Select **Point**, **Line** or **Area** before you start your measurements

Remember:
The type of the measuring object can be changed anytime

Use the **ON/DIST** button to trigger measurements

Remember:
You can also measure using **ON/DIST** button on your DISTO™

Click on the object button again to finish measurements



Remember:
Measure close to an existing point to snap

If you need more information, please see our
How to use Measure Facade video

- when it has to be **right**

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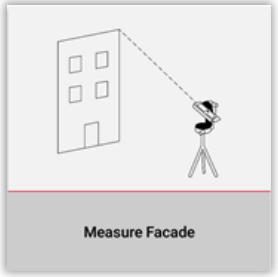
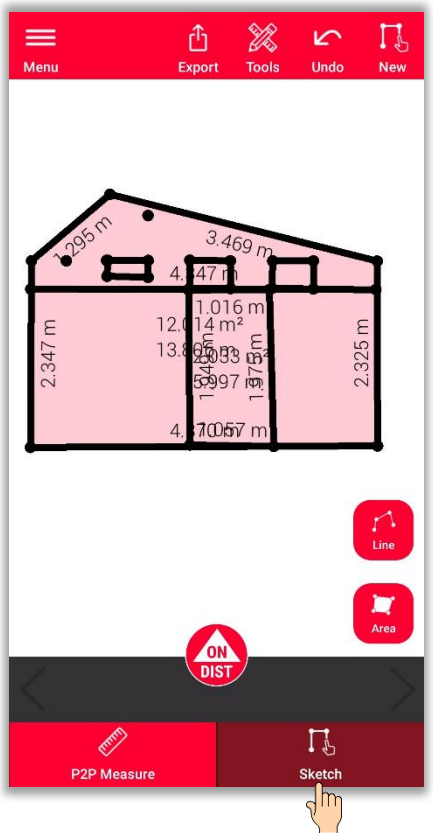
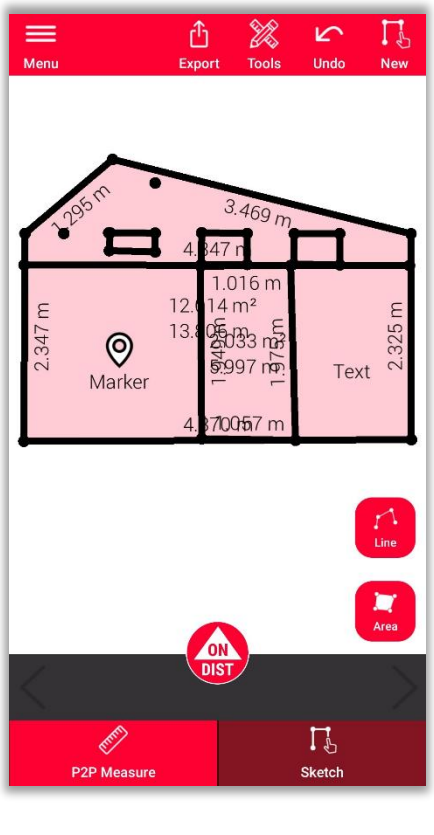


Measure Facade
Sketch view

Switch to the **Sketch view** to modify your plan:





In the Sketch view you can:

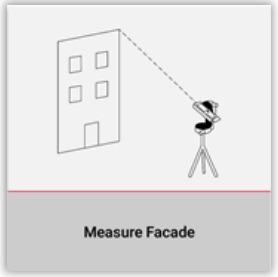
- Sketch new lines or areas and measure them with your DISTO™
- Edit existing measurements (**Intersect**)
- Add **Texts**
- Add **Markers**

Remember:
You can switch back to the **P2P Measure view** to measure more points, lines or areas anytime you want, but it is not possible to overwrite them

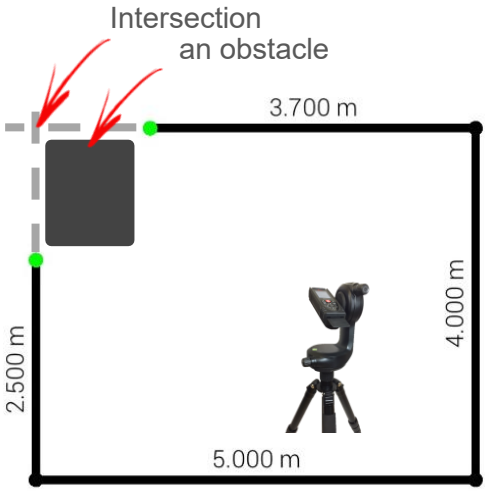
If you need more information about sketching, please see:

- Our **Sketch Plan** training materials
- Our **How to use Sketch Plan** video

Measure Facade
Intersect

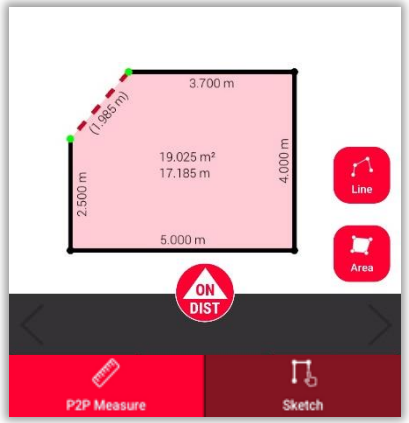


- Use the **Intersect** function if a corner is not visible and it is not possible to aim at it
- Measure a point on each of the two walls next to the not visible corner
- The points will define two vertical planes and their intersection will calculate the not visible corner

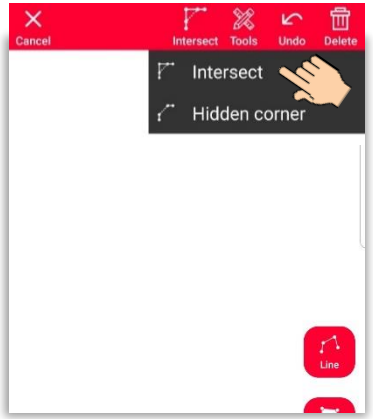


Note: Using this tool you can designate a corner whose walls intersect at an angle **other than** 90 degrees!

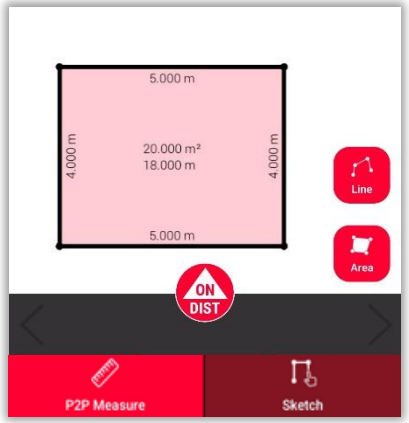
In **P2P Measure**: Measure the point on the wall close to the hidden corner



In **Sketch**: draw a line between the two points and select it



Select **Intersect** function



The selected line will be automatically replaced with the intersection

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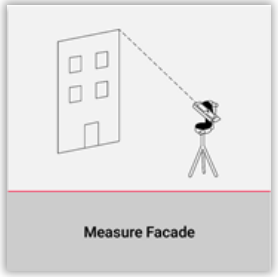
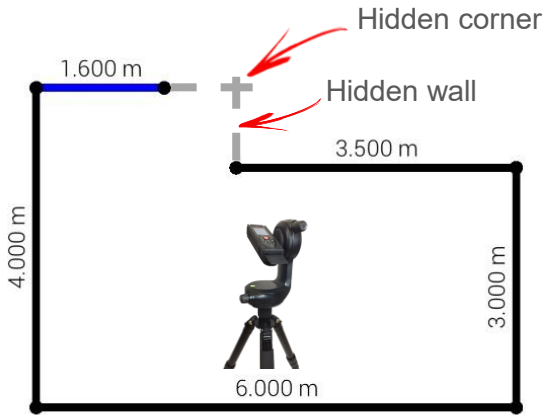
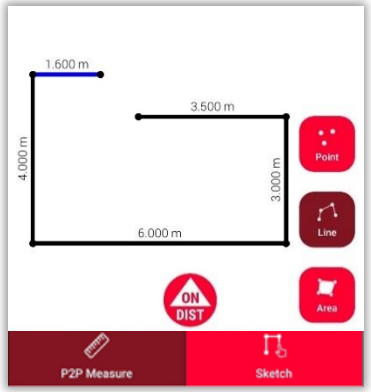
Measure Facade
Hidden corner



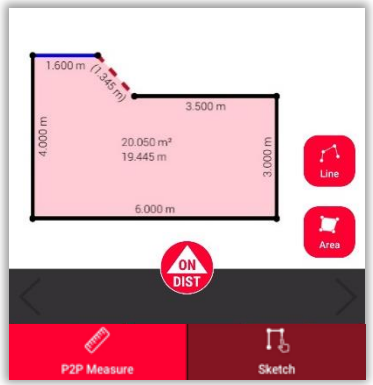
- Use the **Hidden corner** function if a corner is hidden together with the whole wall adjacent to it
- Measure an additional point on the second visible wall
- The tool will calculate the hidden corner



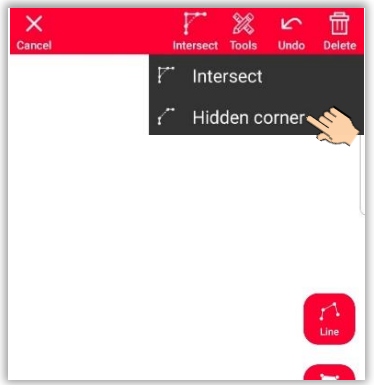
Note: With this tool you can only determine corners whose walls intersect at an angle of 90 degrees!



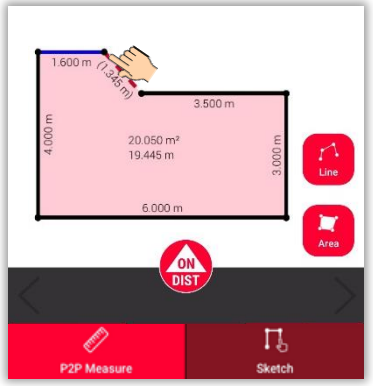
In **P2P Measure**: Measure a point on the wall close to the hidden corner



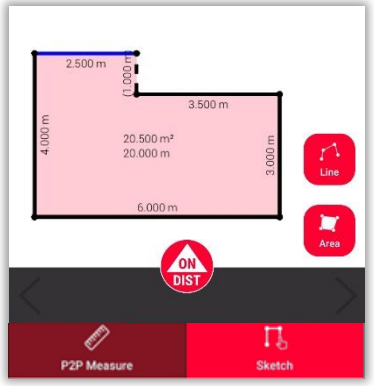
In **Sketch**: draw a line between the two points and select it



Select **Hidden corner** function



Select the point you want to move



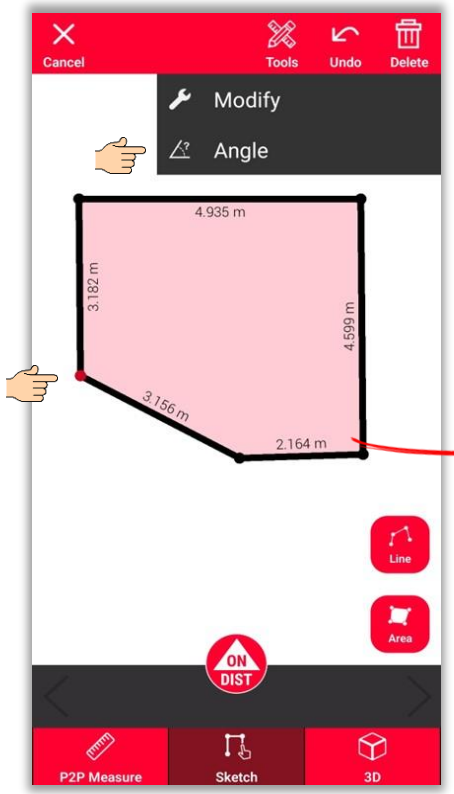
The selected line will be replaced with the hidden wall and the point with the hidden corner

Measure Facade

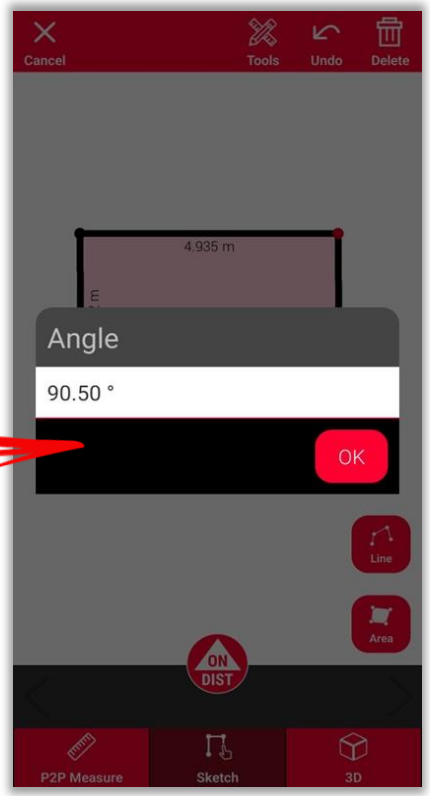
Angle

- Access information on the angle between any two walls
- The angle can be viewed in Sketch View after selecting a point
- Angles are also available in the PDF Pro export

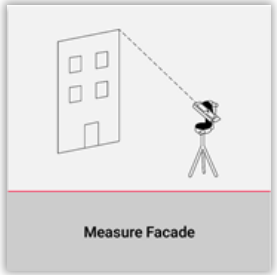
Distance				
	a	4.935 m	-	
	b	4.599 m	-	
	c	2.164 m	-	
	d	3.156 m	-	
	e	3.182 m	-	
	Circumference	18.037 m	-	-
	Height	-	-	-
Angles				
	ab	90.50 °		
	bc	91.28 °		
	cd	150.17 °		
	de	118.53 °		
	ea	89.51 °		



To get an angle between two walls, select a point, tap the **"Tools"** button, and then select "**Angle**".



Angle is displayed.



- when it has to be **right**

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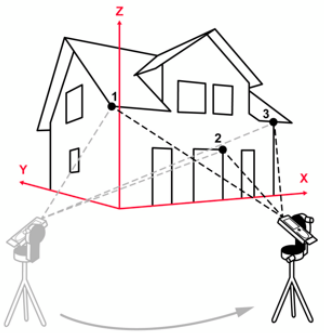
Measure Facade

Relocation

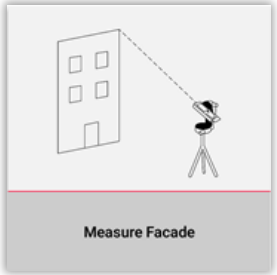
- Use the **Relocation** function to move your setup to a new position and add relevant information to the existing drawing
- Useful method when it is **not possible** to measure all the desired data from one **single set-up**.

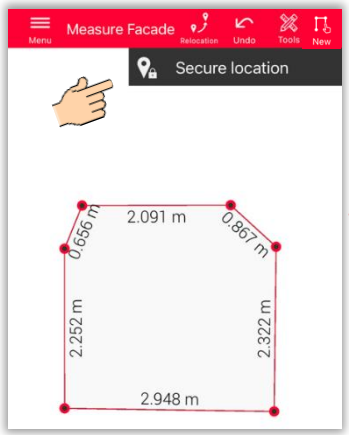


Note: It is possible to measure more than 3 Secure Points. Just select Secure location and continue as described.

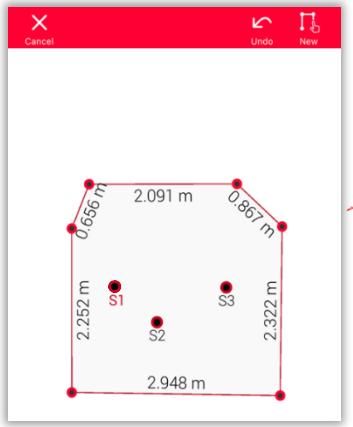
Note: Secure points from different secured locations can be combined.

Hint: Make sure you use targets when setting and measuring Secure Points – this will guarantee sufficient accuracy.

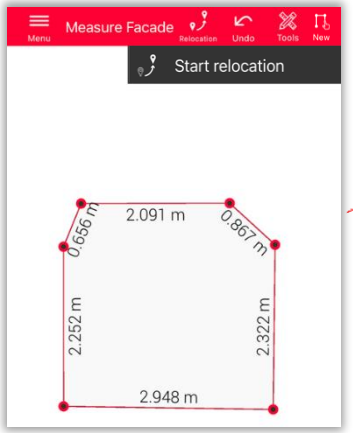




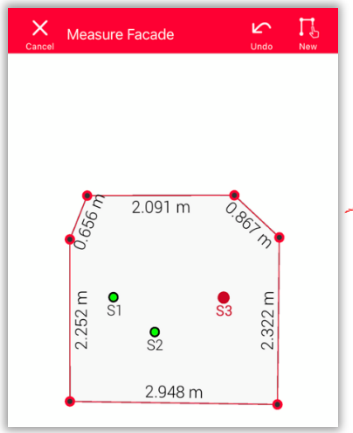
Click on the icon **Relocation** and start with **Secure location**



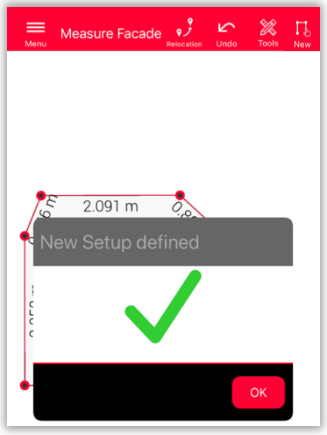
Measure **3 Secure Points.** Make sure these will be **visible** also from the new position



Move to the **new position** and select **Start relocation**



Measure the **Secure Points** once again.



Now you can continue with the measurement **from this new setup.**

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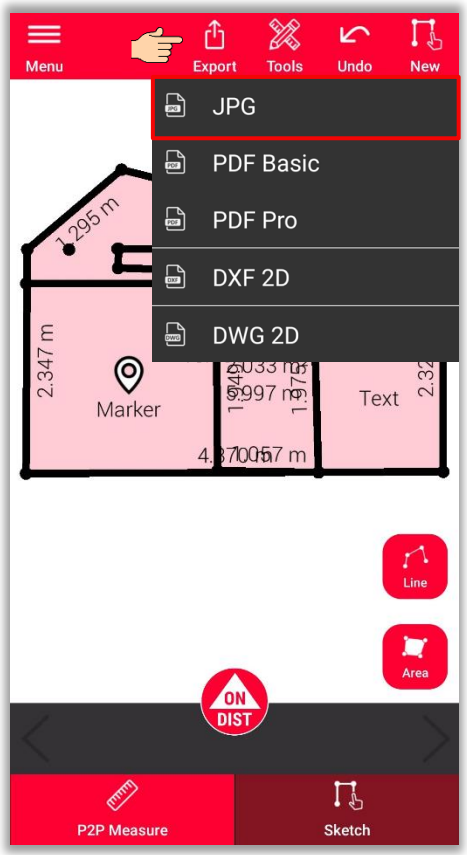
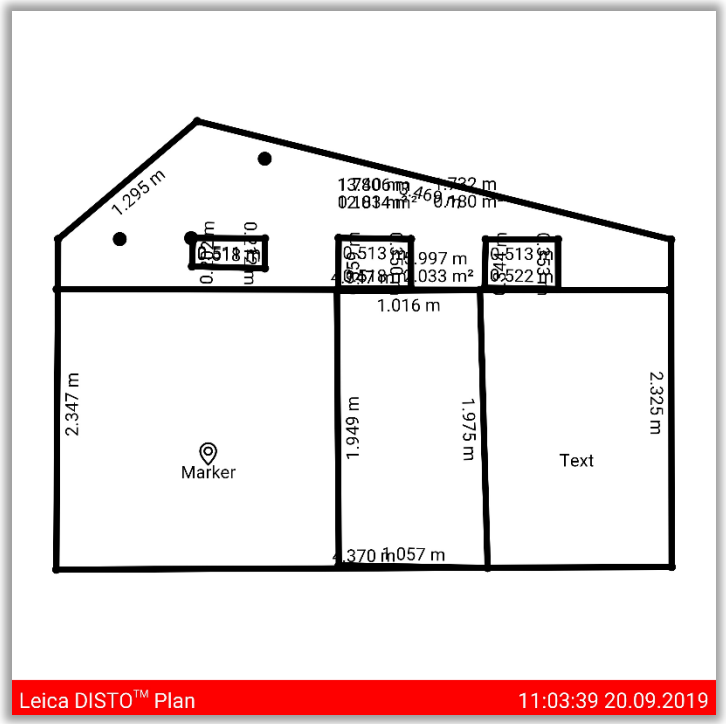
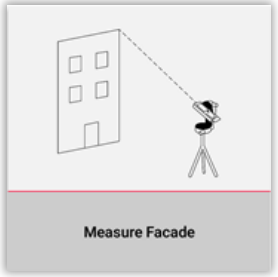
Measure Facade
Export

Export your plan in multiple formats:

- **JPG**







- when it has to be right

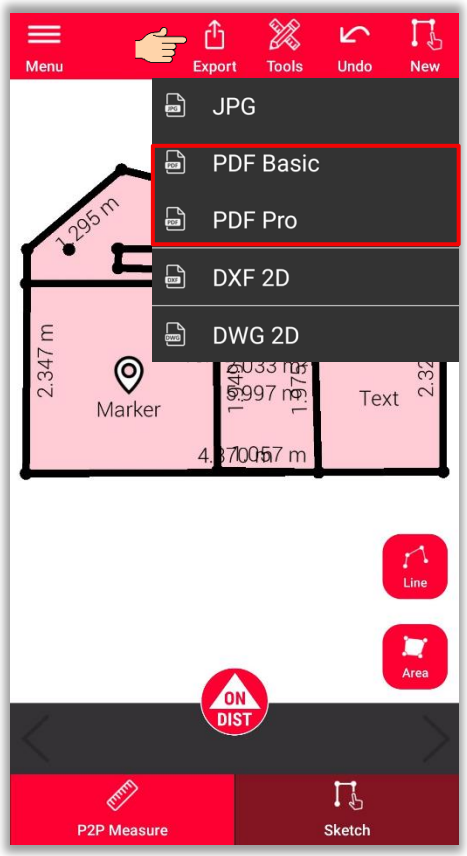
Leica Geosystems

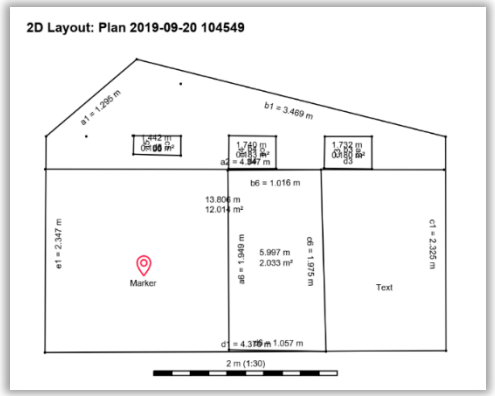
Measure Facade
Export

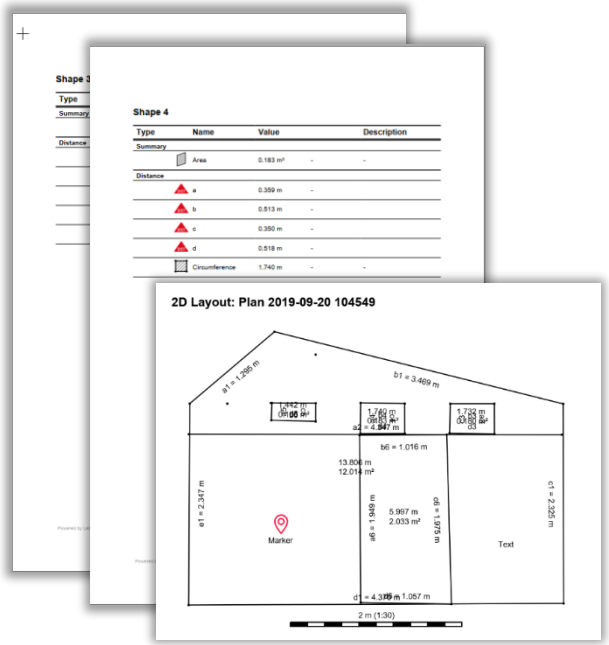
Export your facade in multiple formats:

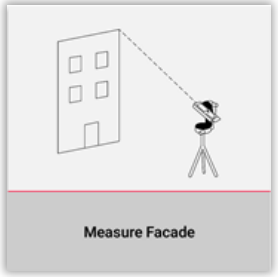
- JPG
- **PDF Basic**
- **PDF Pro**

In PDF Pro file you can find all details about measured features









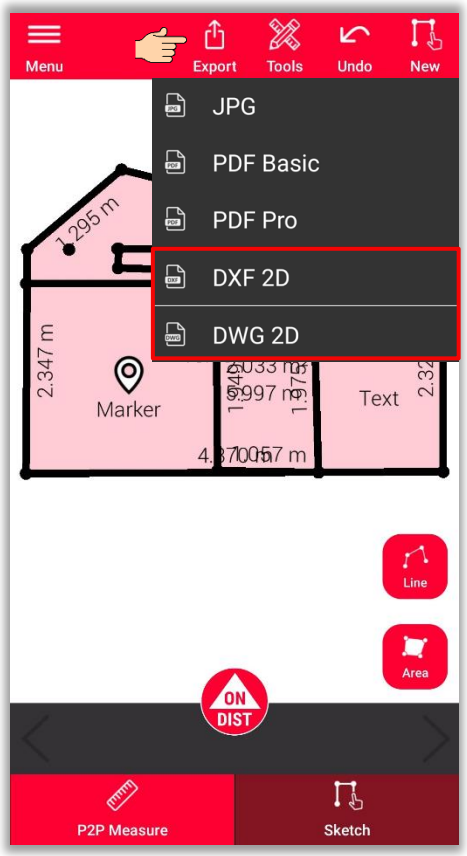
- when it has to be right

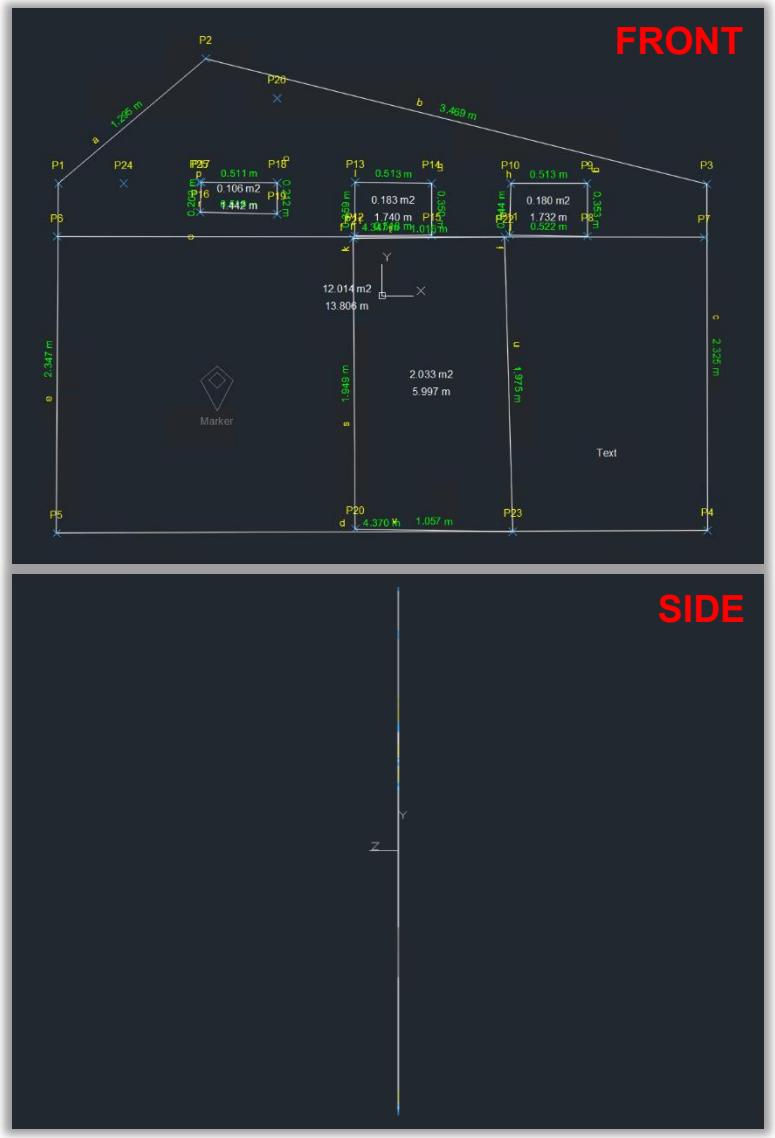
Leica Geosystems

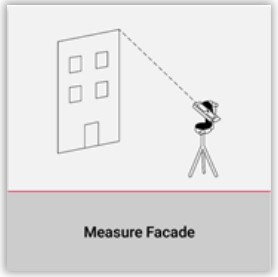
Measure Facade
Export

Export your facade in multiple formats:

- JPG
- PDF Basic
- PDF Pro
- **2D DXF**
- **2D DWG**







DISTO™ Plan App

Measure Facade

- when it has to be **right**

Leica Geosystems