New SLAM Accessories

STONEX

X70GO & X120GO – Tablet holder

You can use your tablet docket to **X70GO** or **X120GO** to have one hand free while surveying. The tablet mounted on the back of the scanner, allows you to always have eyes-on GO*app* scan preview.

Tablet holder specs	
Tablet min width	1,75” (4,44 cm)
Tablet max width	4,5” (11,43 cm)

Product code	Description
30-350750	X70GO, Tablet holder *
30-350680	X120GO Tablet holder *

* Tablet not included

X120^{GO} – Shoulders hook

Distribute X120^{GO} weight over both shoulders, freeing hands.

Adjustable in both height and angle to best suit the operator's shape, it is easy to put on and take off.

The scanner can be easily detached thanks to a quick release.

Product code	Description
30-350691	X120GO Shoulders hook

RTK module

There are several reasons why the RTK module is worth using. First, it places your point cloud in a global coordinate system, but it can also be useful in large surveys to improve the composition of the final 3D model. Indeed, RTK module can help the SLAM algorithm, adding GNSS info to LIDAR and IMU.

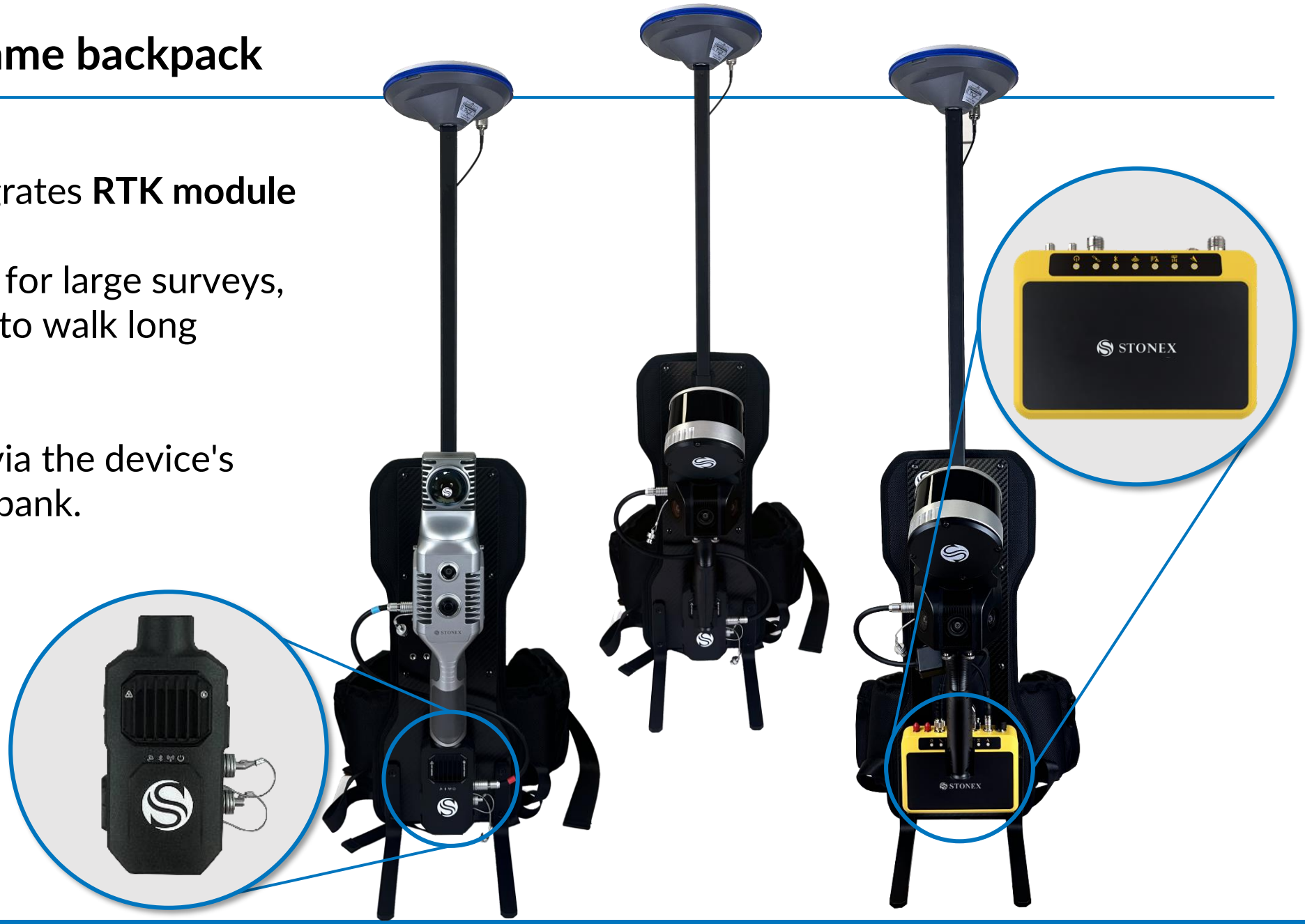
If the GPS does not have a satellite connection, such as indoors, the system will rely on LIDAR and IMU to locate itself.

Product code	Description
30-350671	RTK Module

X70^{GO} & X120^{GO} - Frame backpack

The new backpack integrates **RTK module** or **SC600+**.
It is the perfect solution for large surveys, where the operator has to walk long distances.

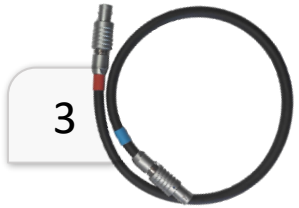
Power can be supplied via the device's handle or with a power bank.



X70^{GO} – Frame backpack with RTK module

	Product code	Description
	B30-000005	**X70GO, Frame Backpack bundle for RTK Module**
1	30-350755	X120GO/X70GO, Frame backpack
2	30-350749	X70GO, Quick release bracket
3	30-350757	X70GO, RTK Cable, 50cm
4	30-357138	SA85 GNSS Geodetic Antenna

30-350671 - X70GO/X120GO, RTK Module **not included in the Bundle**



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X120^{GO} – Frame backpack with RTK module

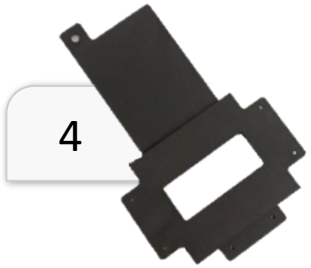
	Product code	Description
	B30-000001	**X120GO, Frame Backpack bundle for RTK Module**
1	30-350755	X120GO/X70GO, Frame backpack
2	30-350674	X120GO, Quick release bracket
3	30-350760	X120GO, RTK Cable, 50cm
4	30-357138	SA85 GNSS Geodetic Antenna

30-350671 - X70GO/X120GO, RTK Module **not included in the Bundle**

X120^{GO} – Frame backpack with SC600+

	Product code	Description
	B30-000002	**X120GO, Frame Backpack bundle for SC600+**
1	30-350755	X120GO/X70GO, Frame backpack
2	30-350674	X120GO, Quick release bracket
3	30-350709	X120GO, Connection cable for SC600+
4	30-350762	X120GO, SC600+ holder for Backpack
5	30-357138	SA85 GNSS Geodetic Antenna

B10-150618 - SC600+, CORS, 1100Ch, 4G, UHF Dual, U **not included in the Bundle**



X120^{GO} & X70^{GO}– Pano Camera

Enhance your SLAM survey by adding important properties such as the 360° panoramic photos and visualize your point cloud with images for contextual image referencing.*

- Point cloud colorization with external camera
- 360° panorama navigation
- Measure on panorama images
- New export formats: *e57* and *ptx*
  ptx for X-Whizz static point clouds only

* *GOpost needs to be updated to the last version.*

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X120^{GO} & X70^{GO}– Pano Camera

Pano camera specs	
Model	Insta360 X4
Resolution	16.6 MPx
Run time	135 min
Weight	203 g

Product code	Description
30-350764	X120GO, Pano camera bracket *
30-350765	X70GO, Pano camera bracket *

* Camera not included, Insta360 X4

Pano camera - Configurations

With RTK module

With backpack

X120^{GO} – Vehicle mount

The vehicle mount also integrates Stonex **SC600+** or **RTK module**.
Choose between suction cups or magnets, both are included in the bundle.

X120^{GO} – Vehicle mount with RTK module

	Product code	Description
	B30-000003	**X120GO, Vehicle mount bundle for RTK Module**
1	B60-200425	X120GO Vehicle mount
2	30-350760	X120GO, RTK Cable, 50cm
3	30-357138	SA85 GNSS Geodetic Antenna

30-350671 - X70GO/X120GO, RTK Module **not included in the Bundle**

X120^{GO} – Vehicle mount with SC600+

	Product code	Description
	B30-000004	**X120GO, Vehicle mount bundle for SC600+**
1	B60-200425	X120GO Vehicle mount
2	30-350709	X120GO, Connection cable for SC600+
3	30-350723	SC600+ plate for vehicle mount
4	30-357138	SA85 GNSS Geodetic Antenna

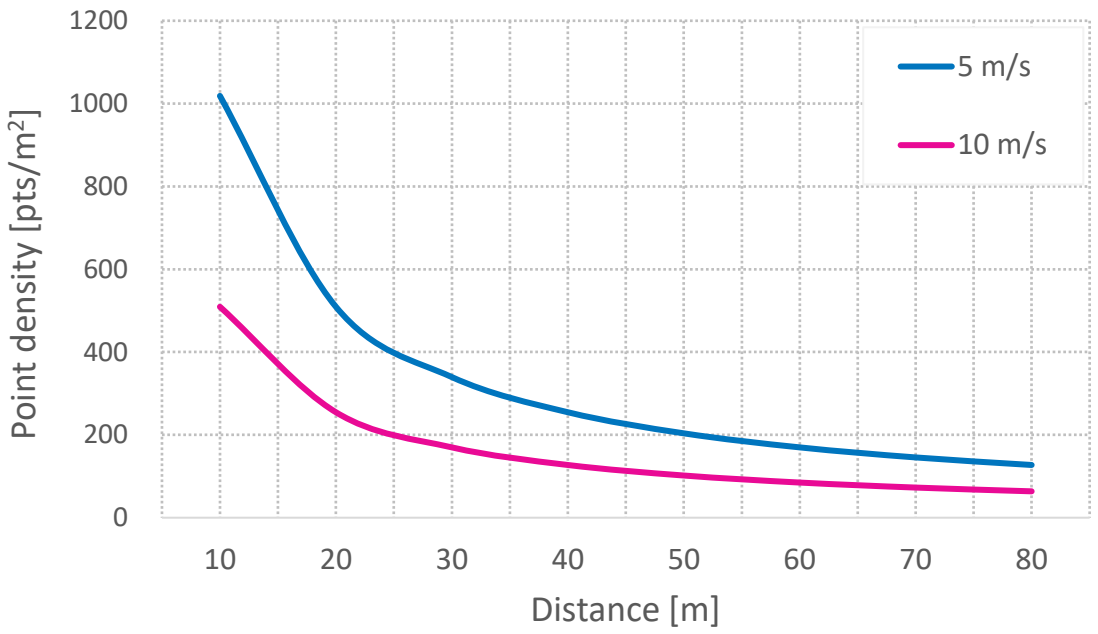
B10-150618 - SC600+, CORS, 1100Ch, 4G, UHF Dual, U **not included in the Bundle**

X120^{GO} – Vehicle-mount

Max suggested speed

In order to ensure sufficient point density, it is suggested not to exceed 20 km/h.

The graph below shows the point density in relation to the distance of the scanned objects.



X120^{GO} – Vehicle-mount

Suction cups or magnets?

Magnets

+ Quick and easy to install
+ Long-life material

- For metal surfaces only
- Aggressive for the bodywork

Suction cups

+ Versatile
+ Suitable for multi-surface

- Affected by temperature
- Manual adjustment needed

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