



CONNECTIVITY UNDER EXTREME CONDITIONS



SOLUTIONS CATALOG

**SAMSUNG**

Roboflex® solutions prioritize performance, portability and especially connectivity, as all operations are interconnected and the data generated in each process needs to be available in real time to all stakeholders.



We develop complete solutions that enable the installation of hardware without damage to vehicles, fixing without risk of falling due to shaking, greater dynamism and mainly, greater connectivity between different types of systems, sensors and monitoring devices, promoting user interaction with operational resources and tools..

## SUPPORTED MODELS



ACTIVE 3 T575  
8"



T220/225  
8,7"



A9 X110/X115  
8,7"



A9+ X210/X216  
11"

## DESIGN ROBOFLEX®

Roboflex® cases are designed for operations in extreme environments. We use full coupling, fully protecting all sides of the tablet. All lines comply with degrees of protection and resistance to drops, impact and vibration.



High strength material



Product with responsive design



Protection against bad weather



Long life product



### ROBOFLEX® STANDARD



Robust ecosystem through mechanical and electrical connections and safety



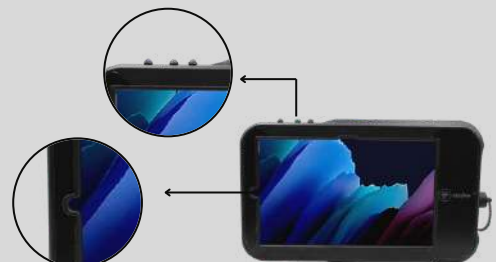
Offers all-case charging capability even in extreme environments



Includes protective film ensuring maximum preservation of screen integrity, protecting against scratches, smudges and other possible damage

Availability of all\* device features, such as access to buttons and cameras

\*Except access to memory card and telephony chip



## ROBOFLEX® RESOURCES



Anti-theft system



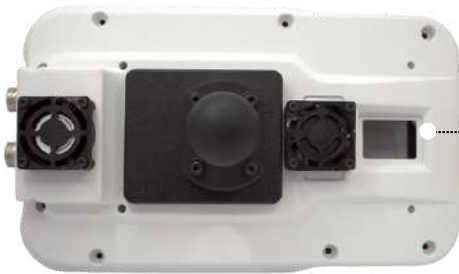
Charging + Data



Industrial connection  
More strength and safety  
than standard connectors

The technologies used in Roboflex® solutions offer compatibility for the use of sensors, industrial signal reading, amplifier boxes and device cooling, all integrated in an ecosystem of hubs, adapters and other peripherals.

## DIFFERENTIALS



Ventilation

Possibility of including a ventilation system for equipment that will be under constant exposure to the sun or exposed to high temperatures, thus ensuring better operation and increasing the life of the device



Audio output

Connection to audio devices such as headphones and speakers via P2 input



Signal converters USB-C  
technology

Roboflex signal converters are compatible with various devices such as I/O, ethernet, CAN, RS232, USB, P2 and others, helping to maintain the connectivity of the operation.



HUB

Roboflex HUBs offer port expansion and a variety of connections for other devices, being able to add USB ports, industrial and vehicular communication protocols.

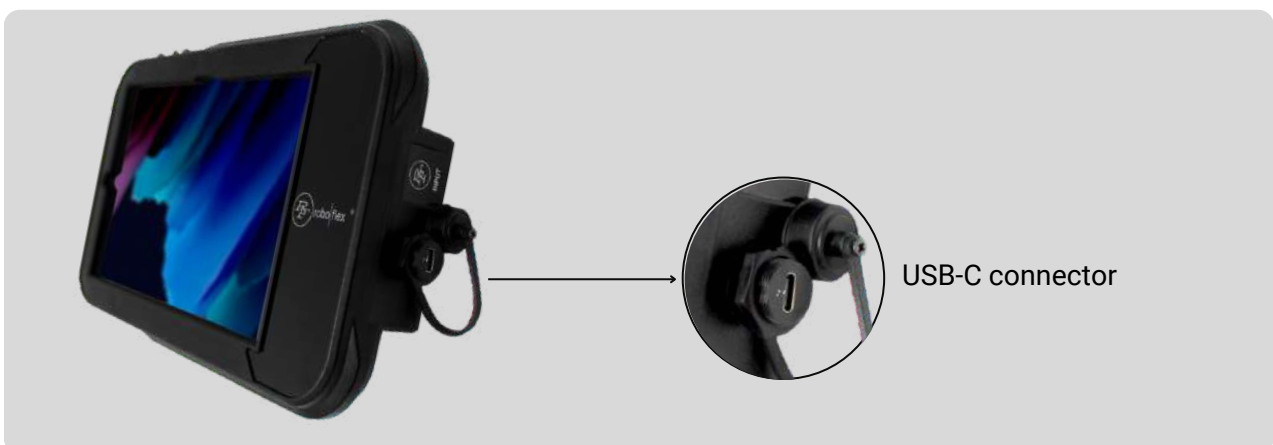


## COMPATIBILITY TABLE

MODEL	VENTILATION	AUDIO OUTPUT	SIGNAL CONVERTERS	HUB	LOADING+DATA	ANTI-THEFT SYSTEM
T220/225					●	●
ACTIVE 3	●	●	●	●	●	●
X110/X115	●	●	●	●	●	●
X210/X216	●	●	●	●	●	●

## ROBOFLEX® RESOURCES

One of the features offered by Roboflex® is the customization of the connectors, thus enabling the tablet to connect to the most varied equipment. These connectors can be used for charging and/or data transfer.





In this photo:

Magnetic Case for tablet Samsung Active 3 8" T575  
Handstrap Strap

## MOBILITY

Allows addition of handles for case use in the field. Compatible with all cases.



Handstrap



Wrist strap



Shoulder strap

## USABILITY

Possibility to add support for the tablet's pen.  
Check compatibility with our products



Pen support

## CASE WITHOUT ATTACHMENT

Ideal for greater mobility in field operations. Case option without base for rear attachment. With the use of handles, they are ideal for field operations, which are dynamic and require constant mobility.

Possibility of customization of industrial connector, USB-C or Micro USB inputs.



Allows attachment of handles for greater mobility



In this photo:

Case without attachment for tablet Samsung Tab A7 Lite 8.7" T220/225  
Handstrap Strap







In this photo:

Case without attachment for tablet Samsung Tab A7 Lite 8.7" T220/225  
Shoulder strap



In this photo:

Case without attachment for tablet Samsung Tab A7 Lite 8.7" T220/225

## SCREW-MOUNTED CASE

Ideal for operations where the equipment will be mounted on supports, whether on walls, columns, tables, etc. and there's no need for constant removal, allowing multiple users to use the equipment.

Made of high-strength and lightweight material, it's an excellent solution to keep your equipment secure without compromising adjustability

Possibility of including an industrial connector, USB-C or Micro USB inputs.



Fixed base compatible with the Roboflex® supports ecosystem (See supports catalog)



In this photo:

Screw-mounted Case for tablet Samsung Tab A 7" T280/285  
4-hole base size C  
C size long arm



In this photo:

Screw-mounted Case for tablet Samsung Tab A7 Lite 8.7" T220/225

4-hole base size C

C size short arm

C size triple suction base



In this photo:

Screw-mounted Case for tablet Samsung Active Fixed Case 2 8" T395

4-hole base size C

C size short arm

Double tubular base size C

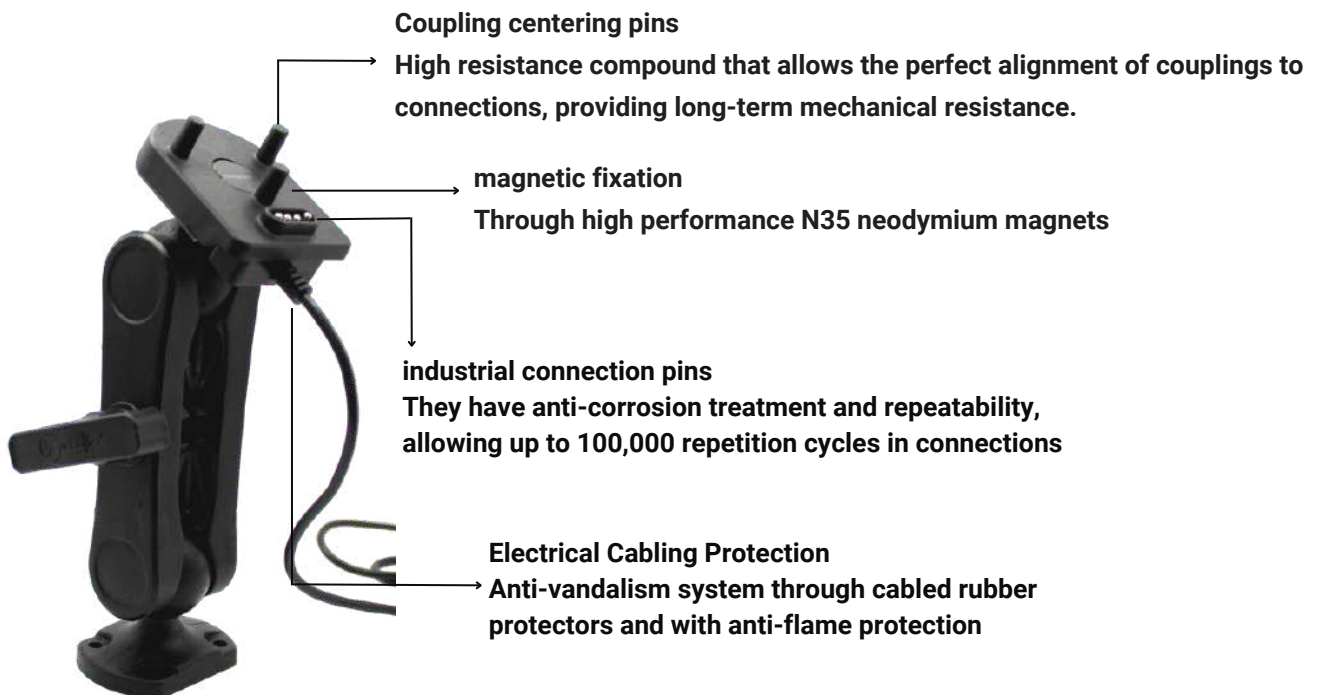
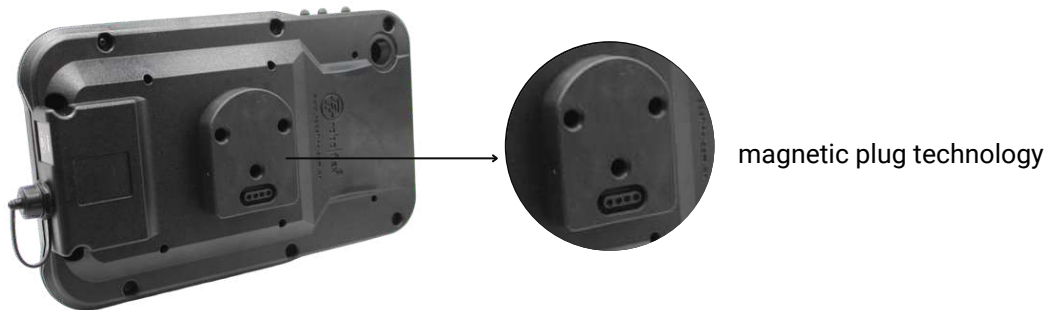
## MAGNETIC CASE

Ideal for operations where the equipment needs to be removed, during or at the end of the operation. The Roboflex® magnetic system is designed to withstand constant removal of equipment during operation. Keeps the device charged when the plug is connected to the case. Possibility of including an industrial connector, USB-C or Micro USB inputs.

Offers robustness in field activity, withstanding aggressive situations, such as vibrations, impacts, weather and repetitions as constant removal of the product during the operation.

Ideal for operations such as:

- operational checklist
- Need for decentralized notes of the place of fixation
- Possibility of moving the device to another place of operation



Ball termination as per Roboflex® or Dual T standard as per some international standards



Ball finish



Dual T



In this photo:

Magnetic Case for tablet Samsung Tab A7 Lite 8.7" T220/225  
C size magnetic plug  
C size long arm



In this photo:

Magnetic Case for tablet Samsung Tab A7 Lite 8.7" T220/225  
Magnetic Plug size C  
Long arm size C  
Adhesive Base size C

Point your cell phone camera at the  
QR Code and see our magnetic  
solution in operation.



## DOCKS

The Dock's design supports the use of all tablet functions, including simultaneous data communication and charging through the pogo pin port, allowing the use of accessories and devices added to your operation.

- Direct tablet access
- Lock with key that makes it impossible for unauthorized people to remove the equipment from the station
- It has a USB port by default, so you can connect to the most diverse peripherals
- Contact charging: As soon as the tablet is placed in the station, it will charge (as long as the equipment is connected to a power source)
- Designed for horizontal use



### In this photo:

Dock for tablet Samsung Active 3  
Long arm size C  
Base 4 holes size C



## CABLES

Cables and chargers offer charging and data sync capabilities.



IP65 charging cable  
Code: CBO040008

The IP65 charging cable has the following specifications:

Protection against dust

Temporary immersion protection

Resistance against corrosion due to sea air

Protection against water jets



IP54 charging cable  
Code: CBO040007

The IP54 charging cable has the following specifications:

Protection against dust

Protection against water jets

industrial connector

## CHARGERS



IP65 Charger  
Code: CAR040004



IP54 Charger  
Code: CAR040005

### TECHNICAL CHARACTERISTICS

- Voltage range: 11 to 31V
- Voltage output: 5.5V
- Maximum current: 10A
- Regulation:
- EN 55032: 2015+AC:2016+A11:2020
- EN 55035: 2017+A11: 2020
- EN IEC 61000-3-2: 2019
- EN 61000-3-3:2013+A1:2019
- Overcurrent and overvoltage protection
- High efficiency of up to 95%
- Over temperature shutdown, output short circuit protection
- It has holes that allow the equipment to be fixed using screws.
- Cable length: 1m



[www.roboflex.com.br/en](http://www.roboflex.com.br/en)

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