

Robotics and drones

Machines that could revolutionize our everyday life

UBS Certificate linked to the Solactive Robotics and Drones Index

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Robotic systems support physicians with minimally invasive interventions, and unmanned aircraft monitor the irrigation of farmland and protect rhinoceros from extermination by poachers. These are not scenes from a science fiction movie, but situations from our present. The enormous progress in robotics made over the last few years make all of this possible: Experts presume the robot and drone industry will significantly change our everyday lives in the future, and say it has enormous economic potential. Robots are popping up in many areas, such as production facilities, the health care sector and the service sector. And they influence decisive economic factors – work costs, productivity, flexibility and safety.

The robotics sector can therefore look forward to a great future, which means it will also increase in interest for investors. The reason for the rapid progress is above all the constant further development of the relevant technologies. Robots are becoming increasingly performant, due to the improvement in sensors, increased precision and through artificial intelligence.

Progress means independence

Progress means independence in the robotics industry. According to McKinsey¹, robots will in a decades' time already be capable of producing high-quality goods and noticing and improving errors - not only their own, but also the errors of other robots and human beings. Despite constant further developments, the acquisition costs for many robots are getting lower and lower, so that gradually they may also be attractive to consumers. One of the first robots to make the transition into private households is the fully automatic vacuum cleaner. The company iRobot has now developed many other household helpers, such as pool and guttering cleaners. At the moment it is not yet possible to estimate conclusively the areas where robots will be actively supporting human beings in their everyday lives by 2025, but there are likely to be many. The economic importance of robots and drones should be correspondingly high in future.



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Currency	ISIN	Alpha Code
ZAR	ZAE000302147	UBROBO

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Transparent index process

Based on the specifications of the index provider Solactive AG, the Solactive Robotics and Drones indices target the pioneers in the robotics and drones industry. Only companies that meet several quality standards are included on the shortlist. Every index member needs to demonstrate that a significant share of its business is focused on the robotics and drones sector, or that the company is currently developing its own robotics and drones division with the potential to bring in a major share of overall revenue. The concept of the indices also takes account of the dynamic environment of this highly innovative business segment, as at pre-sent no-one knows what direction the developments of robotics and drones will take and which companies will ultimately dominate. The respective index concept therefore provides for a "fast entry" rule alongside the twice-yearly index adjustments, which take place in March and September: This ensures that stock companies can be incorporated in the index at any time, e.g. immediately after an initial public offering, provided they meet the quality standards.

This also means that the equities of each company have to be listed with an exchange that grants trading access to foreign investors without restrictions. Furthermore, to be included in the index, market capitalization must amount to at least 100 million

USD and the average daily trading volume for the past three months must amount to at least 600,000 USD for reasons of liquidity. When the index is adjusted, all index members are weighted equally, whereas companies with a market capitalization below 1 billion USD are capped at 5.0%.

The product solution

The UBS Certificate linked to the Solactive Robotics and Drones Index tracks the performance of the underlying index, which re-invests any net dividends from index members.

Opportunities

- Equity-linked participation in the growth potentials of the robotics and drones industry.
- Transparent and targeted index structure that can also add new index members at any time ("Fast Entry" rule) in order to react quickly to the development dynamics in the robotics and drones sector.
- The selection of index members from the robotics and drones sector, to which special growth potential can be assigned is carried out by the index provider Solactive AG.
- Diversification within the robotics and drones sector through several equities with a regular index review twice a year.
- Tradable every trading day under normal trading conditions.

Risks

- No capital protection: investors run the risk of losing their investment if the price of the underlying index worsens.
- The robotics and drones sector is a relatively young economic sector and it is not yet certain whether it will fulfil its expectations and which companies will actually succeed.
- Investors bear the issuer risk and could lose their investment if the issuer files for bankruptcy.
- The issuer intends to ensure liquidity in normal market phases on trading days. However, investors should realise that they may not be able to buy / sell the product at any point in time.
- As the stocks included in the index may be listed in different currencies and the product does not have any currency hedges, the investor may also be exposed to an exchange rate risk, which may adversely affect the value of the product.
- The issuer has the right to terminate the product if certain conditions are met.

UBS Certificate linked to the Solactive Robotics and Drones Index

Underlying	Solactive Robotics & Drones Net Total Return Index
ISIN	ZAE000302147
UBS AG credit rating	S&P A+ Moody's Aa3 Fitch A+
Primary exchange	Johannesburg Stock Exchange
Management fee	0.50% p.a.
Issue day	06 September 2021
Maturity date	08 September 2026
Issue price	ZAR 100.00
Settlement currency	ZAR
Alpha Code	UBROBO

Investor profile

Solutions for investors with experience in stock market topics and structured products and with a medium to increased risk tolerance who would like to participate in the performance of the equities included in the index at little capital and administrative expense.

The product documentation, i.e. the applicable pricing supplement and termsheet can be found on [keyinvest-za.ubs.com](https://keyinvest.za.ubs.com)

Further information about the Index and the methodology used to compute the level of the index is available at the website of the index calculator.

¹Mckinsey and Co, Driving impact at scale from automation and AI, 2019

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