To keep pace with the global competition, companies need a continuous, up-to-the minute overview of their processes and material flows, because knowing where materials are at all times is crucial for better planning and optimization of production and logistics. SIMATIC RF600 provides this transparency.

Stationary read/write devices in the production and supply chain as well as transponders on products, goods and workpieces allow seamless monitoring and traceability.

This modern system in the ultra-high frequency band (UHF-RFID) from 865 to 928 MHz offer long ranges, high reading speed and bulk reading ability.

SIMATIC RF600 makes it easy to exploit the advantages of UHF RFID technology: the system records tags with absolute reliability. Configuration can be performed quickly via a standard web browser or the TIA Portal. SIMATIC RF600 combines production automation with the logistics world, thus creating comprehensive, seamless supply chain solutions.

With our starter packages, we enable you a cost-efficient entry into the UHF RFID technology for easy integration into your projects.

**Highlights SIMATIC RF600**

- Complete, scalable portfolio of high-performance RFID readers - now also as a compact version
- Wide range of external antennas for all environmental conditions
- High investment security through open standard OPC UA
- Access to configuration, commissioning and diagnostic tools via web browser
- Proven „UHF for Industry“ algorithms
- Simple integration into the SIMATIC automation environment

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Order your starter package now!

**Basic ¹)**

- SIMATIC RF650R Reader (ETSI)
- SIMATIC RF600 Power supply AC 100-240 V (50-60 Hz), European connector
- SIMATIC RF650A Antenna (2 pieces), Polarization: circular
- SIMATIC RF645T On-metal transponder with mounting hood (20 pieces)
- Antenna mounting kit (3 pieces) for reader and antenna mounting
- Complete cable set and software on DVD for commissioning

**Your advantages**

- Basis system for easy logistics applications or asset management e.g. goods receipt and exit and container management

**Compact ¹)**

- SIMATIC RF615R Reader (ETSI), Integrated antenna
- SIMATIC RF600 Power supply AC 100-240 V (50-60 Hz), European connector
- SIMATIC RF645T On-metal transponder with mounting hood (20 pieces)
- Antenna mounting kit for reader mounting
- Complete cable set and software on DVD for commissioning

**Your advantages**

- Compact system for use in mechanical and plant engineering as well as in conveyor technology
- Installation also possible in confined spaces

**Advanced ¹)**

- SIMATIC RF685R Reader (ETSI), Integrated antenna
- SIMATIC RF600 Power supply AC 100-240 V (50-60 Hz), European connector
- SIMATIC RF680A Antenna Polarization: linear/circular
- SIMATIC RF645T On-metal transponder with mounting hood (20 pieces)
- Antenna mounting kit (2 pieces) for reader and antenna mounting
- Complete cable set and software on DVD for commissioning

**Your advantages**

- High performance system for production control, material flow control and similar RFID applications
- High reliability of write/read performance even in difficult radio environments thanks to adaptive antennas

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¹) One starter package can be ordered per customer. The general terms and conditions of payment and delivery for products and services of the electrical industry apply. For software products, the “General license conditions for software products for automation and drive technology for customers with a registered office in Germany” apply.

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Security information

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens’ products and solutions constitute one element of such a concept. For additional information on industrial security measures that may be implemented, please visit [https://www.siemens.com/industrialsecurity](https://www.siemens.com/industrialsecurity)

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Prices are shown in Euros, exworks, and do not include sales tax or postage and packaging.

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