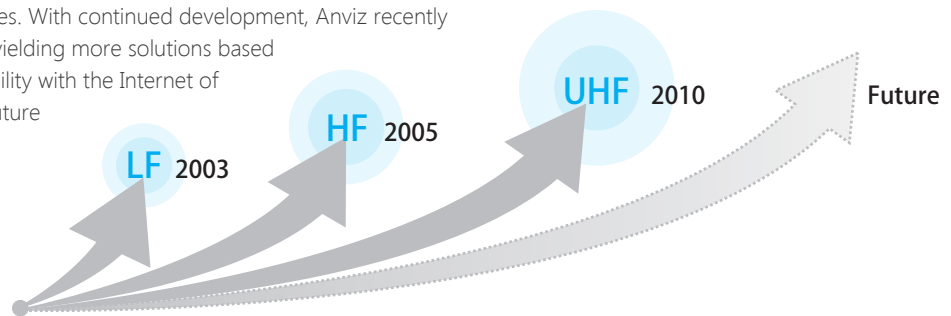




Connect **Everything**.  
Sense **World**.

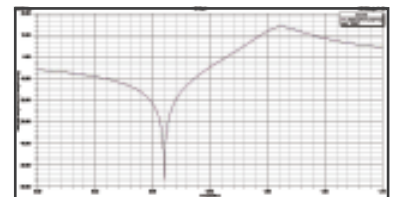
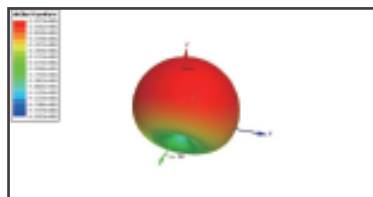
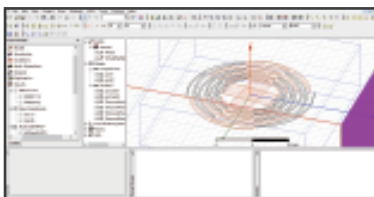
# Anviz RFID

RFID research at Anviz dates back to 2003, when we began integrating RFID into our biometric access control devices, initially using low-frequency 125KHZ technology. Through investment in the RFID product line, High Frequency 13.56MHZ card were later adopted allowing storage of biometric features. With continued development, Anviz recently spearheaded its UHF 860-960MHz yielding more solutions based integration and a future interoperability with the Internet of Things (IoT). Anviz is dedicated to future R&D investment and is devoted to remaining at the forefront of RFID technological advancements.



## RFID Core Technological Advantages

Anviz continues to perfect the RFID antenna design as part of its core technology to ensure best in class stability and working sensitivity.



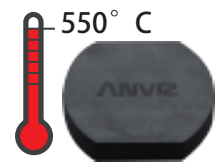
Some of the latest technology from the Anviz R&D team is now field-tested and as stable as our matured product line. The High Temperature Tags are an example of one of the technological advancements from Anviz. The High Temperature Tags can function properly in environments as high as 550°C. Other advancements can be seen in the Special Industrial Tags, which can work on or in metal surfaces, and the Sterile and Antibacterial tags, which have a wide range of uses in the biological and biochemical fields.



Medical tag

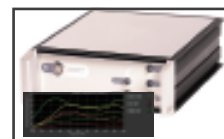


Anti-metal tag



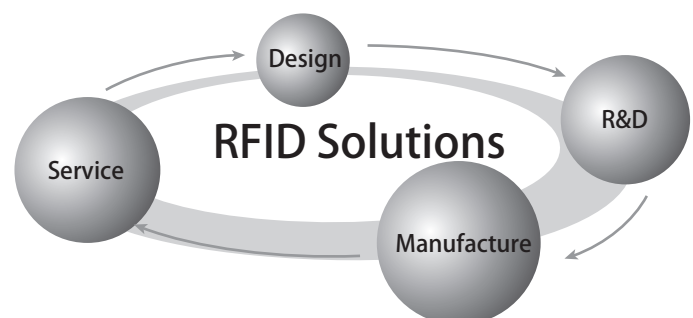
High temperature tag

The Anviz R&D center in Shanghai boasts the industry's largest anechoic chamber and high-precision testing equipment ensuring high reliability and high sensitivity of our RFID tags.



Anviz with precise production equipment and strict product testing processes ensures all Anviz RFID products are consistent and reliable.

The complete industrial chain structure at Anviz is able to provide customers with a comprehensive set of RFID solutions.



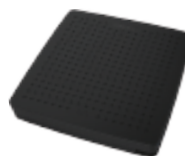
# Products

## Wall-mounted RFID Reader(LF/HF/UHF)



Support EM 125KHZ and 13.56MHZ Mifare Card  
Support Standard Wiegand 26/34 adaptive Output  
Support RS485 output  
With Tamper alarm  
Working temperature: -10°C to 55°C  
Working humidity: 20% to 85%  
IP55

## Standard Access Controller(LF/HF)







4 readers ports (Wiegand 26 output)  
4 Relays output (12V 5A) (NO NC COM)  
20000 RFID Card holders and 1000-4000 Fingerprints (Decide by Reader)  
50000 records Capacity  
255 multiple-segment time zones  
Support 2-2 door Anti-pass back and Inter lock.  
TCP/IP, RS485 (for Reader), Min USB Port (firmware Update)  
Support Timed Task function and keycard Locking function

## Handheld Reader(HF/UHF)



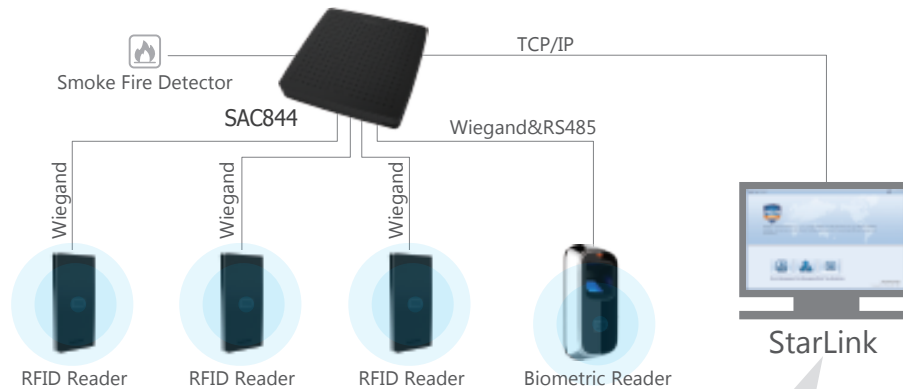
1 GHz High Performance CPU  
4 GB ROM+512 MB RAM, Mini SD Card (up to 32G)  
3.5 Inch Capacitive Touch Screen, HVGA (320 x 480) TFT High Brightness  
5MP Autofocus with LED Light  
4000 mAH lithium Polymer Battery  
Multiple Wireless Communication (GSM/GPRS/EDGE/3G/Wi-Fi/Bluetooth)  
Support HF 13.56MHz ISO14443 \ UHF 860-960MHz EPC C1G2/ISO18000-6C  
Dimensional code Scanning \ Bar Code Scanning  
Infrared Communication Module  
High Performance GPS Navigation Chip  
IP65



UHF Tags	 Anti-theft Tag	 On-metal and High-temperature Tag	 Pharmaceutical Grade Wristband Tag	 Asset Tag
Frequency	860-960MHz	860-960MHz	860-960MHz	860-960MHz
Communication Protocol	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C	EPC CLASS1 GEN2/ISO-18000-6C
Memory	96~2048bits (optional Chip)	96~2048bits(optional Chip)	96~2048bits(optional Chip)	512bits(optional Chip)
Temperature	-20°C to 85°C	-60°C to 550°C	-20°C to 85°C	-20°C to 150°C
Read Range	2 meters (2W Reader power output)	7 meters (2W Reader power output)	4 meters (2W Reader power output)	2~12 meters (2W Reader power output)
Protection Class	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)	IP68 (IEC61000-4-2,IEC60068-2-6)
Characteristic	Read in water/Small Size	Read in water/Read on metal/ High temperature/Long read range	Read in water/Small size/Easy Buckle/ Body Security	Asset management

# Solutions

## RFID Access Control management



### StarLink-Distributed Access Controller Management System

Anviz management software enables the user to program a customized database into the access control system. Cardholder access parameters can be set up, as well as enable automatic access control, and a number of customized features.

#### Perfectly compatible with Anviz fingerprint reader

StarLink seamlessly integrates the fingerprint readers, implementing the network fingerprint access control with the same software and the same wiring.

#### Anti Pass-back

The Anti-Pass Back feature is designed to prevent the misuse of the access control system. This feature sets a specific sequence in which a user's credentials must be input in order for the system to grant access.

#### Door Interlocking

Door Interlocking is a system composed of 2 doors that are electrically locked in such a way that the doors cannot be opened simultaneously. This feature prevents unwanted access or contamination by preventing simultaneous access of both doors..

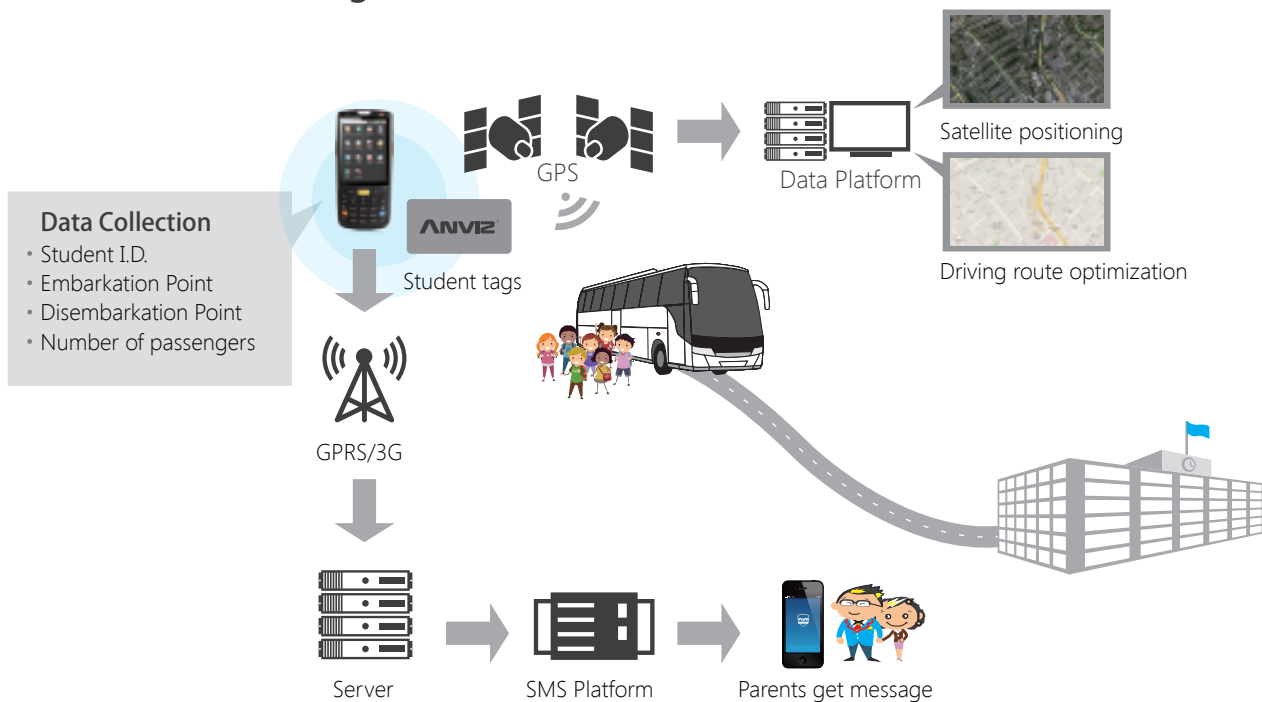
#### Keycard Locking/Unlocking

The StarLink allows the user to employ a card with special control privileges. It is a keycard that controls the status of a group of doors within a limited range that is pre-set in the system..

#### E-Map and Real Time Monitoring

By importing the floor plan, StarLink enhances real-time monitoring. With the imported floor plan, setting up the monitoring points in the system is easily visualized and more user-friendly.

## RFID Student management



RFID and GPS systems can track and monitor an entire student's journey, including the embarkation and disembarkation points.

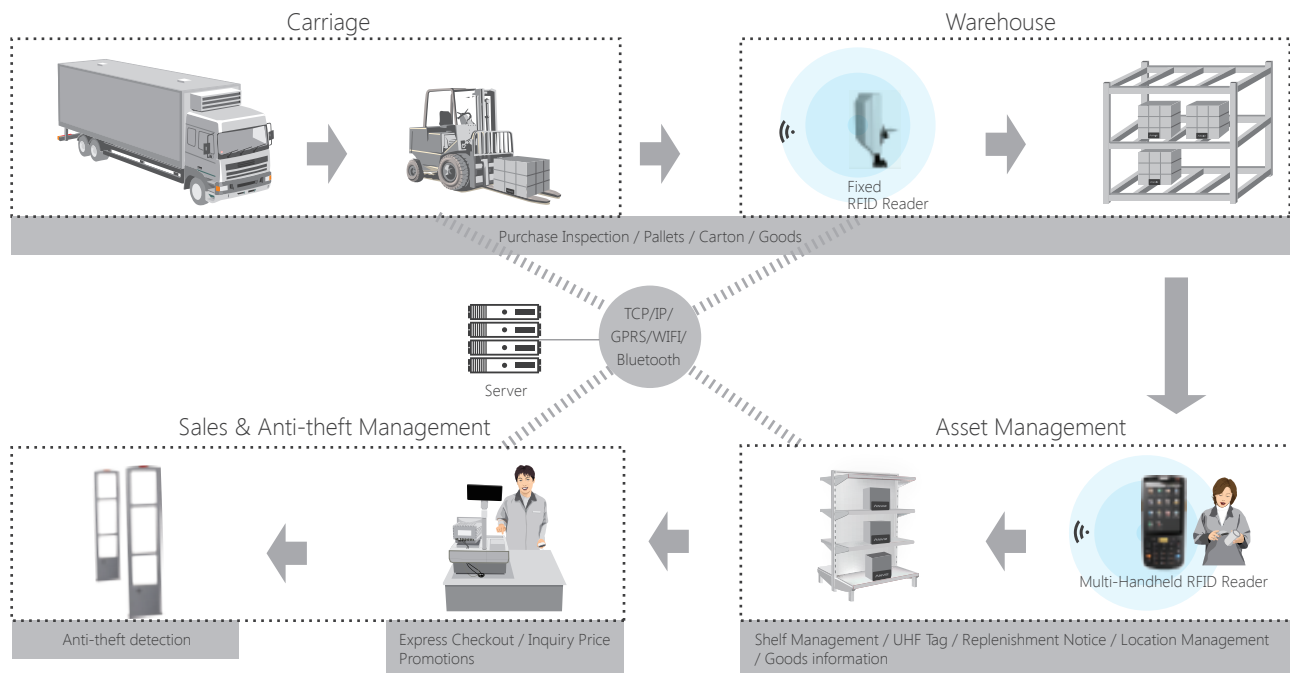
## Industrial automation management



- Real-time Check-in/Check-out to the database
- Products quality traceability
- Anviz patent management software & hardware
- Hi-temperature to 550°C/Low-temperature to -60°C
- Easily read tags in or around metal



## Logistics management



- Reduction of inventory expenses
- Increase in asset availability
- Real-time asset visualization
- Maximum transparency
- Increase of inventory accuracy
- Boost shipping throughput
- Smart verify purchase of customer
- Anti-theft detection
- Smart announcement of news to regulars
- Real-Time update of inventory system
- Continuous article surveillance
- Simplification of reordering and restocking process





## About Anviz

Founded in 2001, Anviz is a global leader in the field of intelligent security including Biometric, RFID and Surveillance. Cutting edge R&D, ISO certified manufacturing and global brand recognition provide our partners with the fast track to success!

Anviz is at the forefront of biometric, RFID, and surveillance technologies. Through constant R&D, ISO certified manufacturing and global brand recognition, Anviz is an industry leader. Producing high-quality, cost-effective security solutions have helped amass a global client base of over 60 million customers in over 100 countries.

For more information, visit [www.anviz.com](http://www.anviz.com), or email us [press@anviz.com](mailto:press@anviz.com).