Yanzeo AR180E

YANZEO AR180E Bluetooth Pet Microchip Scanner User Manual

Model: AR180E

INTRODUCTION

The YANZEO AR180E is a wireless RFID handheld pet microchip scanner designed for efficient and accurate identification of pet microchips. It supports EMID FDX-B (ISO11784/11785) pet tags and chips with a frequency of 134.2 kHz. Featuring a compact, portable design with an OLED display, this scanner is ideal for pet owners, veterinarians, animal shelters, and breeders.

SAFETY INFORMATION

Please read all safety instructions before using the device to ensure proper operation and to prevent damage or injury.

- Do not disassemble, impact, crush, or throw the device into fire.
- Keep the device away from water and excessive moisture.
- Use only the specified charging accessories.
- This reader cannot read Avid chips.
- Only 15-digit international standard protocol chips can be recognized; 9-digit IDs cannot be recognized.
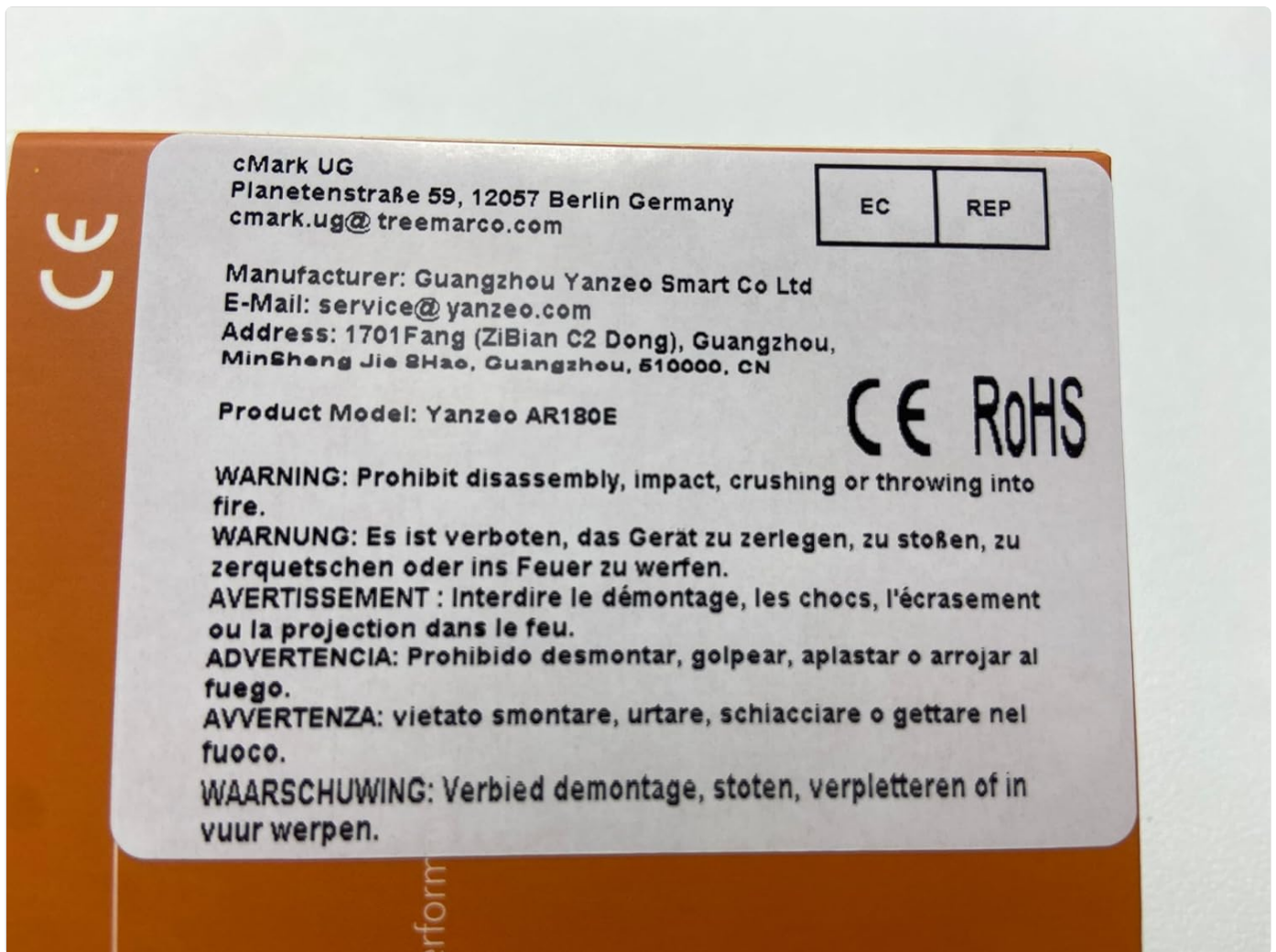
Image: Product label showing safety warnings and manufacturer details.

PRODUCT OVERVIEW

The YANZEO AR180E scanner is designed for ease of use and portability. Key features include:

- **Wireless Connection:** Effortlessly reads EMID FDX-B (ISO11784/11785) pet tags and chips.
- **Versatile Compatibility:** Accurately and quickly identifies pet microchips with a frequency of 134.2 kHz.
- **Handheld Design:** Compact and portable with an OLED display for clear and easy-to-read information.
- **Data Storage:** Capable of storing up to 500 pieces of data.

3-IN-1 CONNECTIONS

USB WIRED CONNECTION

2.4GHZ WIRELESS CONNECTION

BLUETOOTH WIRELESS CONNEGTION

Image: Overview of the YANZEO AR180E scanner highlighting its portability, HD OLED display, compatibility, and upgrade technology.

CAN IDENTIFY A VARIETY OF ANIMAL TAGS

500 pieces of data can be stored
EMID
FDX(ISO1784/85)

Image: The scanner's ability to identify various animal tags, including different frequencies and standards, along with its durable construction and IP65 rating.

SETUP

Before first use, ensure the device is fully charged. Connect the scanner to a USB power source using the provided cable.

Charging the Device

1. Locate the USB charging port on the scanner.
2. Connect the USB cable to the scanner and a compatible USB power adapter or computer USB port.
3. The OLED display will indicate charging status.
4. Once fully charged, disconnect the cable.

Initial Power On

Press and hold the power button (usually the central button) until the OLED display illuminates.

OPERATING INSTRUCTIONS

Scanning Microchips

1. Ensure the scanner is powered on.
2. Select the "Scan" option on the OLED display using the navigation buttons.
3. Hold the scanner close to the animal's body where the microchip is typically located (e.g., between the shoulder blades).
4. Move the scanner slowly over the area. The reading distance is typically 2-12mm for most tags. For glass labels, it's >8cm, and for 30mm ear tags, it's >20cm, depending on label performance.
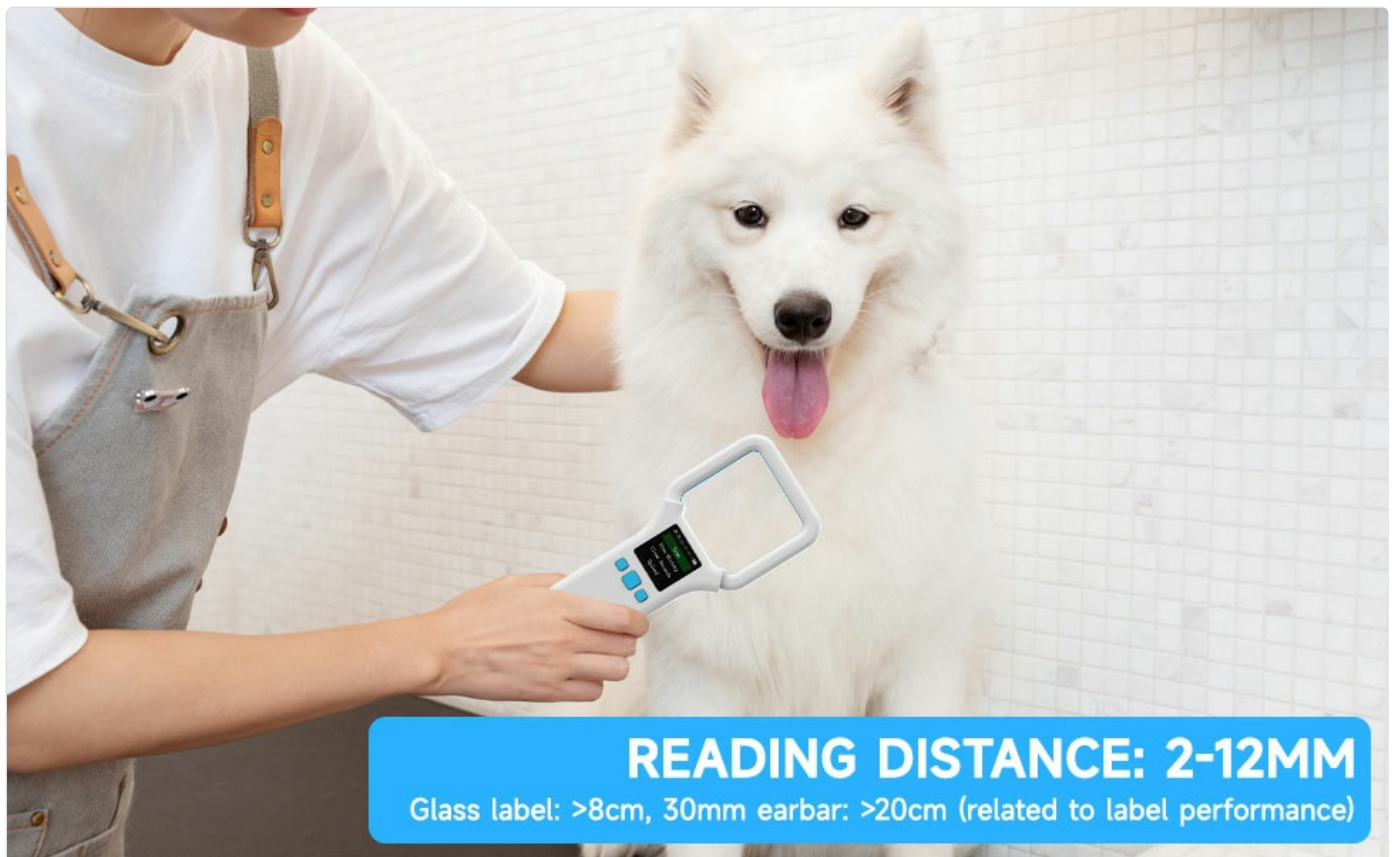5. Once a microchip is detected, the ID number will be displayed on the screen.

READING DISTANCE: 2-12MM
Glass label: >8cm, 30mm earbar: >20cm (related to label performance)

Image: Demonstrates the effective reading distance of the scanner when used on an animal, showing the range for different tag types.

Connectivity Options

The YANZEO AR180E offers multiple ways to connect and transfer data:

- **USB Wired Connection:** Connect directly to a computer using the USB cable for data transfer.
- **2.4GHz Wireless Connection:** Utilize a 2.4GHz dongle (if included) for wireless data transfer to a computer.

- **Bluetooth Wireless Connection:** Pair the scanner with a Bluetooth-enabled device (e.g., smartphone, tablet, laptop) for wireless data transfer. Refer to your device's Bluetooth pairing instructions.

Image: Illustrates the three primary connection methods: USB wired, 2.4GHz wireless, and Bluetooth wireless, for versatile data transfer.

Viewing and Managing Records

The scanner can store up to 500 records. You can view and manage these records directly on the device or by uploading them to a computer.

- **View History:** Navigate to the "View History" option on the main menu to browse previously scanned microchip IDs.
- **Clear Records:** Select "Clear Records" to erase all stored data from the device. Use with caution as this action is irreversible.
- **Upload:** Connect the scanner to a computer using one of the connectivity options and select "Upload" to transfer stored data.
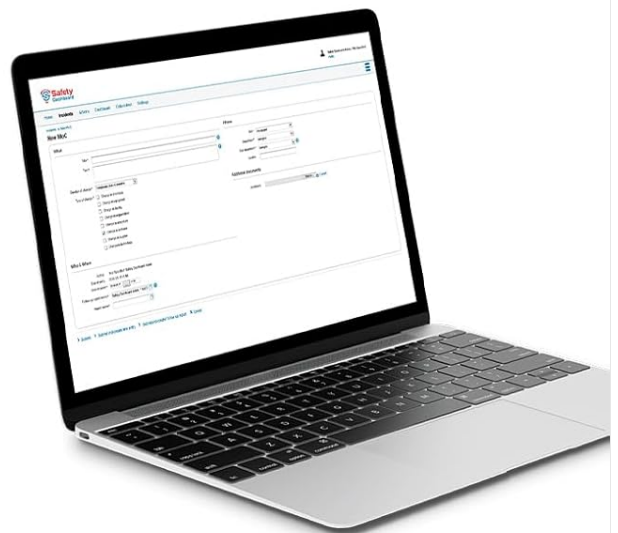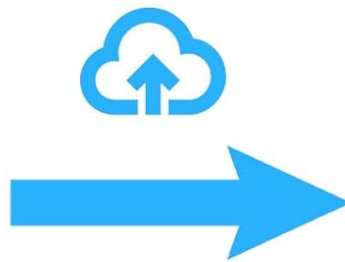
500 PIECES OF DATA CAN BE STORED

Image: The scanner's menu showing options like "Scan," "View History," "Clear Records," and "Upload," with an illustration of data being transferred to a laptop.

MAINTENANCE

- Clean the device regularly with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the charging port is free of dust and debris.
- Charge the device periodically if not in use for extended periods to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully.
Cannot read microchip.	Chip is not FDX-B (ISO11784/11785) or is an Avid chip. Incorrect scanning technique.	Ensure the chip is compatible. Reposition the scanner and try again, moving slowly over the area.
Bluetooth connection fails.	Scanner not in pairing mode. Device Bluetooth off. Interference.	Ensure scanner is in Bluetooth pairing mode. Check Bluetooth settings on your device. Move closer to the device.
Data upload issue.	Incorrect connection mode. Software not running.	Verify USB/wireless connection. Ensure necessary software (if any) is running on your computer.

SPECIFICATIONS

Feature	Detail
Model Number	AR180E
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Connectivity Technology	Bluetooth
Power Source	Battery Powered (1 Lithium Polymer battery included)
Item Weight	4.6 ounces
Package Dimensions	7.8 x 4.76 x 0.91 inches
Supported Frequencies	134.2 kHz
Supported Standards	EMID FDX-B (ISO11784/11785)
Data Storage Capacity	Up to 500 records
Display Type	OLED Display

WARRANTY AND SUPPORT

Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to the product packaging or contact customer support for specific warranty terms and conditions.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Yanzeo customer support through their official website or the retailer where the product was purchased.

Manufacturer: YANZEO