



**HomeAgain®**  
A lost pet's best chance

## **UNIVERSAL WORLDSKAN™ READER *PLUS***

Reads 134.2 kHz, 128 kHz, and 125 kHz Microchips  
ISO Compatible

### **QUICK START GUIDE**

Go to <http://microchip.homeagain.com/> for complete User Manual, Microchip Management Software and Software User Guide.

## DESCRIPTION

UWSR+ is a **universal portable reader** for RFID microchips with the purpose of identifying animals.

The device can read a **wide range of technologies**: FDX-B ISO, HDX ISO, FDX-A (FECAVA), Trovan and Avid encrypted. UWSR+ can also read and display the **Microchip Temperature™** when reading microchips with temperature sensing<sup>1</sup> implants from Allflex or Destron Fearing.

In addition to its microchip reading functions, the UWSR+ scanner can store up to **3000 IDs** in its internal memory, each associated with a time/date stamp, which can be transmitted to a personal computer via a USB cable or wirelessly using Bluetooth®.



The UWSR+ is supplied with the Microchip Management Software which enables user to download the reader's memory, change the scanner settings or update the UWSR+ firmware. It is available for download at <http://microchip.homeagain.com/> with the complete User Manual and Software User Guide.

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<sup>1</sup> Microchip Temperature™ range is from 33°C (91.4°F) to 43°C (109.4°F). If the temperature is below or above this range, it will display "TEMP BELOW RANGE" OR "TEMP ABOVE RANGE".

## GETTING STARTED

UWSR+ comes supplied with six AAA **rechargeable NiMH batteries** which must be **fully charged prior to use**, as diagram below (step 1 through 3).

If preferred, six standard AAA alkaline<sup>2</sup> batteries can also be used and should not be charged (follow only step 1).



**Step 1** – Remove retention screw located on bottom back of UWSR+. Place batteries according to polarity indicators. Replace lid and screw.



**Step 2** – Remove USB plug and attach cable to UWSR+.



**Step 3** – Plug the adaptor into power outlet. The battery level icon will flash while charging and stop flashing when fully charged. A full charge will take approximately 3 hours.

DO NOT MIX RECHARGEABLE AND STANDARD BATTERIES  
DO NOT ATTEMPT TO CHARGE STANDARD ALKALINE BATTERIES.  
CHARGE THE BATTERIES INDOORS ONLY AND BETWEEN 0°C AND 40°C.



To extend battery life, charge unit at least every three months, if reader is unused.

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<sup>2</sup> We recommend Duracell® or Energizer® alkaline batteries

# READING MICROCHIPS

When scanning for microchips **PRESS AND HOLD BUTTON DOWN** during procedure. The reader will display "SEARCHING".

Test reader by placing test chip provided on key chain. If microchip number is not detected, consult USER MANUAL. Do not attach key chain to reader.

If a microchip is detected, the number will appear on the display. If a microchip is not detected it will display "NO ID FOUND".

The following scanning patterns are recommended to locate microchips:

## For Pets

Keep scanner touching animal and scan slowly following patterns below:

**Pattern #1**



**Pattern #2**





**Note 1** – Microchip placement may vary per animal.

## MICROCHIP MANAGEMENT SOFTWARE

UWSR+ scanner comes with Microchip Management Software only for Windows® operating system. Please refer to Microchip Management Software User Guide to install the tool on your PC.



**Note 2** – UWSR+ is compatible with **iPhone®**, **iPad®** and **Android™**. Refer to the User Manual for more information.

Microchip Management Software offers the capabilities to:

- Change reader settings.
- Download reader memory and export animal ID's to Excel.
- Use reader as a virtual keyboard.
- Update reader firmware.

Microchip Management Software

Connect Tools Help English

Display scanned ID: 985141000709686

Display of microchip temperature™: 38.50°C / 101.40°F

Copy

Choose language

Copy ID

Serial Number: C110 00001

Firmware: 0.93.00

Memory level: 6/3000

Index	ID code	Date	Time	T(°F)	T(°C)
1	985000140023984	03/12/2015	10:24:41		
2	TR 00-0724-CEE1	03/12/2015	10:24:53		
3	985000140024912	03/12/2015	10:25:00	101.40	38.50
4	ANDP08P702P101	03/12/2015	10:25:05		
5	4C3958191B	03/12/2015	10:25:08		
6	985141000709686	03/12/2015	10:25:12	101.40	38.50

Reader memory

Download reader memory

Configure your reader

Export memory to Excel

Read memory

Clear memory

Reader settings

Export to Excel

Status: Connected COM8

## READER SETTINGS IN MICROCHIP MANAGEMENT SOFTWARE

UWSR+ is delivered with Memory and Bluetooth® disabled.

These options can be enabled through the Microchip Management Software, as in diagram below:

## Reader Settings



## Basic Settings

Unit ID

USWR+\_00001

Silent Mode



Bluetooth ON/OFF



Temperature



Memory

2 (Enabled)

1 (Disabled)

2 (Enabled)

## Advanced Settings

Sleep Timer (s)

90

Bluetooth Connection Mode

1 (Slave)

Bluetooth Remote Address

00:00:00:00:00:00

Bluetooth Pin Code

1234

Bluetooth Authentication



Transmit Time Stamp



Transmit Temperature



Default settings

OK

Cancel

# TROUBLESHOOTING

- **Microchip not detected:** Confirm that it is being operated distant from metal objects and computer equipment, including metal objects, such as collar with metal objects and stainless steel tables.
- **Memory cannot be downloaded:** Make sure memory is enabled in reader settings (refer to Microchip Management Software User Guide for more information).
- **Bluetooth not visible:** Check if Bluetooth icon appears on the display. If not, enable Bluetooth by using Microchip Management Software.
- **Bluetooth visible but not connectable:** Make sure your reader is configured to be visible and connectable in Microchip Management Software (refer to Microchip Management Software User Guide for more information).
- **Incorrect date/time:** Connect reader to Microchip Management Software. This will synchronize the date and time with the computer.



**Note 3** – For other troubleshooting questions, consult user manual.

# WARRANTY

The Universal WorldScan™ Reader Plus is warranted against defects in materials and workmanship, under normal use and service for two (2) years from the day of shipment.

This warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, damage during transportation or causes other than ordinary use.

Manufacturer's sole responsibility under this warranty shall be at its option, to either repair or replace any product which fails during the warranty period. In no event shall Manufacturer be liable for any indirect or consequential damages or loss of profit.



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“Made for iPhone,” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPhone or iPad may affect wireless performance.

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**1-888-HOMEAGAIN (1-888-466-3242)**

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[www.destronfearing.com](http://www.destronfearing.com)

