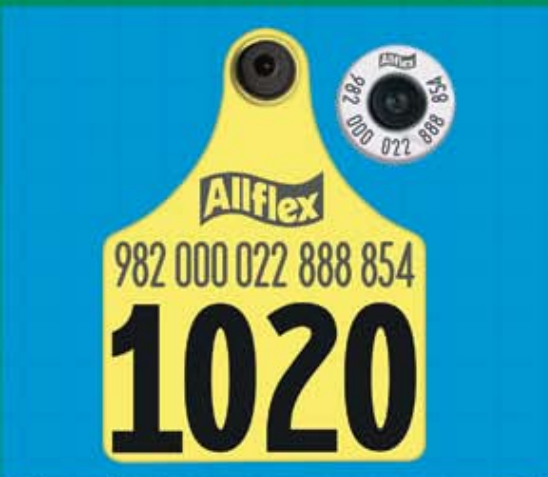




ELECTRONIC ID CATALOG



Allflex
Electronic Identification
THE SYSTEM THAT WORKS

ELECTRONIC IDENTIFICATION CATALOG

Other Allflex Catalogs Available



National Animal Identification System: AIN Tags

The NAIS is a voluntary, cooperative Federal-State-Industry program, providing a standardized information system for Federal and State animal-health authorities to use in responding to animal-disease events in the United States.

In order to obtain AIN tags, producers must first register their premises and obtain a premises identification number (PIN) from their state animal health authority. A database record of specific AIN tags distributed to each premises is maintained, so producers should not share or make their AIN tags available to other producers.

Producers may apply the AIN tags at their convenience and at the time most suitable to their operation, but before an animal leaves their premises.

See the NAIS web site for more information:
www.usda.gov/nais



HDX USA Approved EID Tag with Matching Small Males

20 Count

Product Code: USD A840HDX/GESM-W-20



FDX USA Approved EID Tag with Matching Small Males

20 Count

Product Code: USD A840FDX/GESM-Y-20



Allflex developed an aircoil antenna system encapsulated within a modified Allflex Small Female tag. This durable tag helps the transponder withstand environmental conditions.



In 1993, Allflex introduced electronic identification (EID) products in North America. Since then, tens of millions of livestock have been identified with electronic ear tags. EID provides the basis for automated data collection on individual animals and is changing the way people manage their livestock today.

Radio Frequency Technology

- Electronic ID is also known as Radio Frequency Identification (RFID)
- RFID eliminates the need for "line of sight" reading. It can penetrate body tissue, wood, plastic, mud, manure and more.
- RFID in this application is passive and therefore requires no battery, meaning it will last for the life of the animal.
- Passive RFID devices have a read range from a few inches to a few feet. Antennae and reading systems dependent.

The Tag is Just the Beginning

The EID tag is simply the first of four elements needed for complete data collection and management. Successful implementation of EID means adopting a system. This system is composed of four main components: the EID tag, a reader, a method of analyzing the data (a software program) and a computer.



Products not shown actual sizes. Product codes noted with photos.

ELECTRONIC ID TAGS



High Performance Half Duplex HDX Ultra EID Tag

HDX Ultra EID Tag with Extended Small Male

- 20 Count**
Product Code: TFIW/GESMW-20
- 50 Count**
Product Code: TFIW/GESMW-50
- 250 Count**
Product Code: TFIW/GESMW-250
- 1,000 Count**
Product Code: TFIW/GESMW-1000

- Tamperproof Ultra Cap™ provides ultimate security and retention
- HDX technology optimizes signal transmission and provides greatest possible read distance.
- HDX technology is beneficial for use in packing plants, automated reading systems, or with a walk-through reader
- ISO Compliant
- HDX Tag weight: 8.9 grams

EID-Visual Maxi Matched Sets

- HDX High Performance Ultra EID Tags and matching Maxi Visual Tags with corresponding Laser-Ink printed numbering
- Both Tags feature the Tamperproof Ultra Cap
- Available in 5 customizable combinations
- Available in white, red, yellow, green, blue, pink, orange and black
- Tamperproof Maxi Tag size: 4" high x 3" wide

HDX- Maxi Matched Set 1

Product Code:
EID/GTXF-COLOR-SET1



HDX- Maxi Matched Set 2

Product Code:
EID/GTXF-COLOR-SET2



HDX- Maxi Matched Set 3

Product Code:
EID/GTXF-COLOR-SET3



HDX- Maxi Matched Set 4

Product Code:
EID/GTXF-COLOR-SET4



HDX- Maxi Matched Set 5

Product Code:
EID/GTXF-COLOR-SET5



EID-Visual Large Matched Sets

HDX- Large Matched Set 1

Product Code:
EID/GTLF-COLOR-SET1



HDX- Large Matched Set 2

Product Code:
EID/GTLF-COLOR-SET2



HDX- Large Matched Set 3

Product Code:
EID/GTLF-COLOR-SET3



- HDX High Performance Ultra EID Tags and matching Large Visual Tags with corresponding Laser-Ink printed numbering
- Both Tags feature the Tamperproof Ultra Cap
- Available in 3 customizable combinations
- Available in white, red, yellow, green, blue, pink, orange and black
- Tamperproof Large Tag size: 3" high x 2 1/4" wide

Products not shown actual size. Product codes noted with photos.

ELECTRONIC ID TAGS



FDX Ultra EID Tag with Extended Small Male

20 Count

Product Code: TF-FDX-Y/GESMY-20

50 Count

Product Code: TF-FDX-Y/GESMY-50

250 Count

Product Code: TF-FDX-Y/GESMY-250

1,000 Count

Product Code: TF-FDX-Y/GESMY-1000

Standard Performance Full Duplex FDX EID Tag

- Tamperproof Ultra Cap provides ultimate security and retention
- FDX technology is sufficient for capturing data, if read range is not an issue
- ISO Compliant
- FDX Tag weight: 5.6 grams

FDX EID-Visual Maxi Matched Sets

- FDX Standard Performance Ultra EID Tags and matching Maxi Visual Tags with corresponding Laser-Ink printed numbering
- Both Tags feature the Tamperproof Ultra Cap
- Available in 5 customizable combinations
- Available in white, red, yellow, green, blue, pink, orange and black
- Tamperproof Maxi Tag size: 4" high x 3" wide

FDX-Maxi Matched Set 1

Product Code:
FDX-EID/GTXF-COLOR-SET1



FDX-Maxi Matched Set 2

Product Code:
FDX-EID/GTXF-COLOR-SET2



FDX-Maxi Matched Set 3

Product Code:
FDX-EID/GTXF-COLOR-SET3



FDX-Maxi Matched Set 4

Product Code:
FDX-EID/GTXF-COLOR-SET4



FDX-Maxi Matched Set 5

Product Code:
FDX-EID/GTXF-COLOR-SET5



FDX EID-Visual Large Matched Sets

FDX-Large Matched Set 1

Product Code:
FDX-EID/GTLF-COLOR-SET1



FDX-Large Matched Set 2

Product Code:
FDX-EID/GTLF-COLOR-SET2



FDX-Large Matched Set 3

Product Code:
FDX-wwEID/GTLF-COLOR-SET3

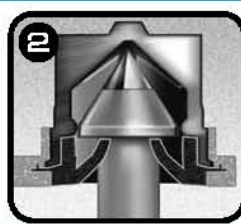


- FDX Standard Performance Ultra EID Tags and matching Large Visual Tags with corresponding Laser-Ink printed numbering
- Both Tags feature the Tamperproof Ultra Cap
- Available in 3 customizable combinations
- Available in white, red, yellow, green, blue, pink, orange and black
- Tamperproof Large Tag size: 3" high x 2 1/4" wide

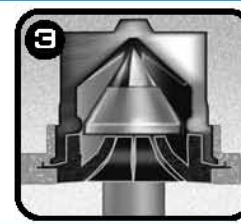
Allflex's Exclusive Ultra Cap™



1 On entry into female, the male tip forces the exclusive Ultra Tamperproof Cap to spring open inside.



2 When tip has full entered, Ultra Tamperproof Cap snaps back to lock tag solidly in place.



3 Ultra Tamperproof Cap's hard ridge and female's molded ridge doubly secure tag. Ultra Cap allows female to turn on male stem to help prevent snagging

FDX Lightweight EID Tag with White Small Male

20 Count

Product Code: TF-FDX-G/GSMW-20

50 Count

Product Code: TF-FDX-G/GSMW-50

250 Count

Product Code: TF-FDX-G/GSMW-250

1,000 Count

Product Code: TF-FDX-G/GSMW-1000



FDX Lightweight Sheep and Goat EID Tag

- Tamperproof design
- ISO compliant
- Lightweight design for sheep and goats
- Withstands harsh production and processing environments
- Packaged with Global Small Males for sheep and goat use
- FDX Sheep Tag weight: 3.3 grams

FDX Lightweight Swine EID Tag

20 Count with White Small Male

Product Code: TF-FDX-O/GSMW-20

20 Count with Extended Small Male

Product Code: TF-FDX-O/GSMW-20

50 Count with White Small Male

Product Code: TF-FDX-O/GSMW-50

50 Count with Extended Small Male

Product Code: TF-FDX-O/GSMW-50

250 Count with White Small Male

Product Code: TF-FDX-O/GSMW-250

250 Count with Extended Small Male

Product Code: TF-FDX-O/GSMW-250

1,000 Count with White Small Male

Product Code: TF-FDX-O/GSMW-1000

1,000 Count with Extended Small Male

Product Code: TF-FDX-O/GSMW-1000



FDX Lightweight Swine EID Tag

- Tamperproof design
- ISO compliant
- Withstands harsh production and processing environments
- Available with Extended Small Males for use in mature hogs or Global Small Males for use with feeder hogs
- FDX Swine Tag weight: 3.8 grams

HDX Reusable EID Tag with Extended Small Male

20 Count

Product Code: SFIW/GESMY-20

50 Count

Product Code: SFIW/GESMY-50

250 Count

Product Code: SFIW/GESMY-250

1000 Count

Product Code: SFIW/GESMY-1000



HDX Reusable High Performance EID Tag

- Can be reused to lower the per animal cost of EID
- HDX Technology
- ISO Compliant
- HDX Reusable Tag weight: 8.5 grams

White Extended Small Male

20 Count

Product Code: GESMW-20

50 Count

Product Code: GESMW-50

250 Count

Product Code: GESMW-250

1000 Count

Product Code: GESMW-1000



Extended Small Males

- Self-piercing tip
- Engineered for superior retention
- Longer shaft allows placement deeper in ear
- May be used with all HDX EID Tags, FDX EID Tags and Swine EID Tags
- Available in white, yellow, green, blue, black, red and orange
- Extended Small Male Tag weight: 1.9 grams

Universal Total Tagger

Product Code: APP-UTT



Universal Total Tagger

- A must for applying Allflex EID Tags
- Also use to apply Allflex Global and Tamperproof Visual Tags
- Replaceable applicator pin (Product Code: PIN-UTT)
- Deep jaw makes proper placement easier
- Grip is designed to ease hand fatigue from repeated use
- Assembly guide included



EID Ultra Retract-O-Matic™

Product Code: APP-RET-ULTRA

EID Ultra Retract-O-Matic™

- Contoured pistol grip handle
- Retracts the pin out of the ear before the animal can react
- Anvil can be positioned at any angle
- Applies High Performance and Standard Performance EID Tags
- Replaceable applicator pin (Product Code: PIN-UTT)

Ultra EID Conversion Kit

Product Code: EID-ANVIL-KIT



EID Conversion Kit and Replacement Parts

Ultra EID Conversion Kit

- Convert any Retract-O-Matic™ to apply High Performance and Standard Performance EID Tags
- Kit Includes:
 - Red anvil with special EID jaws
 - Special modified pin

Universal Total Tagger Pin

Product Code: PIN-UTT



Universal Total Tagger Pin (Red Blunt)

- Use to apply Allflex EID Tags, Global and Tamperproof Visual Tags
- Replacement pin for Universal Total Tagger and EID Ultra Retract-O-Matic



THE SYSTEM THAT WORKS
Electronic Identification

Application Instructions for Allflex Electronic Identification Ear Tags

Apply Allflex Electronic ID Tags with the Red Universal Total Tagger. Use the red blunt pin and remove the black insert from the base of the jaws.



1. To load, depress spring clip and insert the female EID tag. Ensure that the raised portion of the tag, which encloses the transponder chip, is placed in the open portion of the jaws.
2. Slip the male tag completely onto the blunt applicator pin. Squeeze the jaws together lightly to ensure the male shaft is in line with the female.
3. Dip the jaws of the applicator holding the tag into an antiseptic or disinfectant solution.



Recommended EID Tag Placement

Application site must be free of foreign debris prior to placement of tags on the animal. Review application instruction prior to tagging.

IMPORTANT: Caution, "Free Air Space" is critical for proper healing and retention. Inspect placement after tagging to ensure there is sufficient space between ear and EID tag.

FOR CATTLE

1. The EID tag should be placed in the middle of the ear between the two cartilage ribs close to the head.
2. The female portion of the tag should be on the inside of the ear with EID tag application. Note that this is a thicker part of the ear. Application may be more difficult than when applying a visual tag.



FOR SWINE

1. Place the EID tag in the middle or thicker part of the ear
2. The male tag should be on the outside of the ear and the female (or EID tag) should be placed on the inside of the ear. Tag retention is improved when male tag lays flush against the back side of the ear.

IMPORTANT: Tag application may vary based on breed type and ear size.

FOR SHEEP

1. Place the EID tag in between the cartilage ribs of the ear, near the first quarter of the ear (closest to the head)
2. The female portion of the tag should be placed on the inside of the ear.



Products not shown actual size. Product codes noted with photos.

HAND-HELD READERS



• **RS250 Series Stick Reader with Straight Cable**

Product Code: RS250-3-46S

• **RS250 Series Stick Reader with Curly Cable**

Product Code: RS250-3-46C

Allflex RS250 Series Stick Reader

- Chute-side, hand-held reader
- Low-cost, simple to use and extremely rugged
- ISO Compatible with both FDX and HDX technologies
- Internal memory stores 3,000+ ID codes or can transmit identification codes via RS232 serial data cord



RS250 Series Accessories

- **Replacement Power Supply for Stick Reader - 120V AC**
Product Code: 680004-001
- **Stick Reader Battery Pack Ni-Cad**
2,000 Reads Product Code: PW50 4,000 Reads Product Code: PW250
- **RF Link Battery Pack**
Mobile Product Code: RFL100
Base Station Product Code: RFL200
- **Data/Power Extension Cable**
10 Meter Product Code: AY005 20 Meter Product Code: AY006



• **RS320 Series Stick Reader with LCD Readout/Integral Battery Pack**

60cm

Product Code: RS320-3-60C

45cm

Product Code: RS320-3-45C

Allflex RS320 Series Stick Reader

- Portable reader with cord-free capabilities
- ISO Compatible with both FDX and HDX technologies
- Internal battery, LCD read out and tag counter option
- Internal memory stores over 3,000 ID codes
- Easily converted to Bluetooth® wireless technology using the optional module

RS320 Series Accessories



- **Replacement Rechargeable Battery Pack (9.6 VDC NiMH)**



- **Battery Pack Fast Charger**
Product Code: AK320

• **Data/Power Extension Cable**

10 Meter

Product Code: AY005

20 Meter

Product Code: AY006



- **RS320 Series Hard Plastic Case (reader not included)**
Product Code: RS320 CASE



• **Bluetooth® RS320 Series Stick Reader with LCD Readout/ Integral Battery Pack**

60cm

Product Code: RS320-3-60C-BT

45cm

Product Code: RS320-3-45C-BT



• **Bluetooth® Module for RS320 Series**

Product Code: RS-MODULE-BT

Products not shown actual sizes. Product codes noted with photos.

STATIONARY READERS



Allflex Panel Series Reader

- Automated high-speed solution
- Meets ISO Standards
- Designed for the greatest possible read range in a stationary environment
- Used for automation in chutes, alleyways and load-out facilities.

For best results, a site survey and an installation by a certified Allflex technician is recommended for all stationary readers.

• Panel Series Reader
25cm x 32cm

Product Code: PNL2530-3

• Panel Series Reader
40cm x 60cm

Product Code: PNL4060-3

• Panel Series Reader
60cm x 120cm

Product Code: PNL60120-3

Power Supply Option

- Panel Series Reader Power Supply
6 Volt @ 6.0 Amps (powers all panel series readers)

Product Code: PW407

Allflex Packing Plant Series Reader

- Automated high-speed solution
- Built to withstand harsh environments
- Meet ISO standards
- Designed for the greatest possible read range in a packing plant environment.

For best results, a site survey and an installation by a certified Allflex technician is recommended for all packing plant readers.



Allflex High Volume Walk-Through Series Reader

Ideal for high speed, high volume applications such as livestock markets, loading chutes or applications where animals are never completely restrained.

Multi-lane installations require a site survey and are installed by certified Allflex technicians.

COMPACT READER

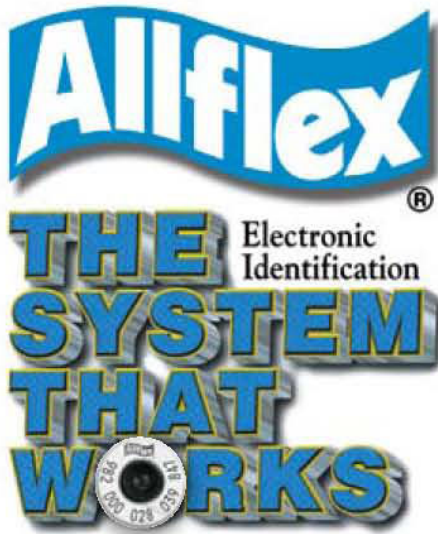
• Compact Series Reader

Product Code: RS2008-3



Allflex Compact Series Reader

- Hand-held. Battery powered.
- Reads ISO 11784 and 11785 compliant RFID tags.
- Provides basic RFID reader functions.



EID Tag Number Look Up

As an added convenience, customers who buy EID tags from Allflex have the option to download a file containing their tag numbers for use in individual record-keeping systems.

To get started, visit www.weizhou.com.tw and click on single bag or multi bag lookup. Next, enter the bag ID number on the package and the system will then generate a file containing all tag numbers. A tag lookup is also available so that an individual tag number may be entered to find the original bag code.

Single Bag Look Up

Locate the Bag ID Number on the package of tags. Enter the number in the Bag ID Number field. Click the FIND button. A complete numeric list of the EID tags in your bag will be generated.

File Type: Excel spreadsheet (.XLS) comma separated (.CSV) XML (.XML)

Bag Id:

No bag id entered - Enter bag id now.

Multi Bag Look Up

If you have purchased multiple bags you can enter up to 24 Bag ID Numbers and extract all the tag numbers at one time. Note that all of the tag numbers will be placed in a single file for download.

Enter individual Bag ID Numbers in the fields below. Click the FIND button. A complete numeric list of the EID tags in the bags you have entered will be generated.

Number of bags to extract? (Choose 1 - 24, Default is 10):

File Type: Excel spreadsheet (.XLS) comma separated (.CSV) XML (.XML)

1:

2:

3:

4:

5:

6:

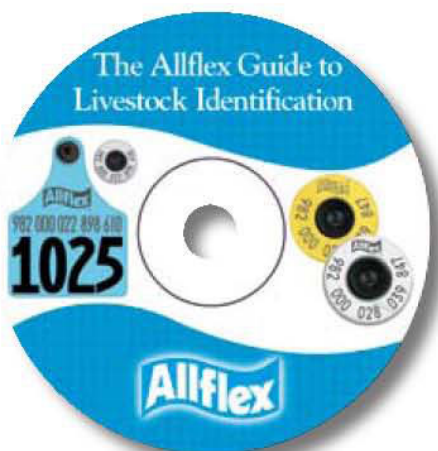
7:

8:

9:

10:

No bags entered - Enter bag_ids or ranges of bag_ids now.



Getting Ready for EID

The Allflex Guide to Livestock Identification video covers tag application and the basics of electronic identification. Visit www.weizhou.com.tw to watch the videos and learn more about animal identification.

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All product offerings in this catalog are subject to change without notice.