Anti-counterfeiting and traceability system usually consists of 5 parts, coding software, inkjet printers, data collectors, data acquisition software and traceability systems. Some other parts like culling machine may be included for different needs.

The working principle is to realize the goal that one code is equal to one product, which can completely eliminate fake from the root. As nowadays may countries require products identification, especially in pesticide industry, medical industry, cosmetics industry and other industries, this system easily meet your need.

The five parts are independent but work as a system. We produce the code in the traceability system, and then upload to the inkjet printer by the coding software. The printer begin printing. The data collector will collect the printing code and upload to the traceability system by the data acquisition software. After printing code confirmed in the system, you can scan the code and everything will be clear and unambiguous.

Specification	Controller: 210135°37mm(HWD)/8.3°5.3°1.46inch Print head: 126 100"31mm(HWD)/4.9"3.9"1.2 inch
Language	Chinese, English, Japanese, French, German, Spanish, Portuguese and Russian
Resolution	50-600DPI
Counters	Series No, Carton No, Pallet No etc
Printable heights(mm)	1-76.2mm (max 6 heads), if it is one head, the height is 12mm.
Printing speed	0-60 m/min(300DPI) 0-30 m/min(600 DPI)
Production speed	Production speed can be set as request, automatic calculation and external synchronizer
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date format	Production date, expiry date with several formats for option
Database support	PC software supports MS Excel, MS Access, SQL2000, SQL2005 SQL2008 etc. database formats
Database Source Support	Provide standard rs-232, Ethernet port, simplify the integration for customers
Interface	1)7 inch 800*480 resolution color LCD touch screen 2)Display screen using new touch operation interface, easy to learn and use 3)Printer can work separately without PC software
Port	1)Ethernet: 100mb/S, synchronized control of multiple devices via PC 2)USB2.0 Port: Support u-disk 3)DB15: For external devices like photocell, synchronizer or alarm kit connection
Ink management	Identify ink type automatically and recommend the best printing parameter Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket and anti-shock, users can install according to their needs, spring mechanism is optional
Power supply	AC 100v-240v 50-60hz, 90W(Specified AC adaptor)
Certificate	CE、FCC