

## **Introduction:**

DLC5100W, is EPC CLASS 1 GEN 2 UHF RFID protocol fix issue card reader. The reader used the technology (patent number: ZL 2007 1 0074156; ZL 2008 2 0092051.1 ; ZL 2008 1 0141907.4 ), its specialty is achieve operate passive tag in short range, it be going batch production and superior performance.

## **Function:**

- It accord with EPC Global class1 Gen2 UHF RFID protocol in serried read mode operation authentication.
- It use of advanced data process mode get huge tag data from network resources to doing effective management.
- Agile buffer mode and tag sifting mode.
- It accord with ISO 18000-6C type UHF RFID standard.
- It can be set and be configured parameters; it can provide the largest of data throughput capacity and the optimum performance.
- It can through set parameter to achieve multi-device in serried read tag.
- It support all Gen2 command, including identification, write, lock and delete

## **Specification**

Reader dimension: 172mm X 173 mm X 41mm

G.W.:1.2kg

Operation temperature: -20°C to 60°C

Storage temperature: -40°C to 70°C

Humidity: 10% to 95% Non-condensing

Protection specifications: IP-53

Antenna: Circular Orientation Polarization

Transmit power: Max. 20dBm adjustable

Power supply: AC110-AC220 switch to DC12V, 25W

Optional Interface:10/100 Base T Ethernet (RJ45 connectors) , can be configured to use a fixed IP address or DHCP, RS232 interface, RS485 interface, wiegand 26 interface

Input Tag air interface: EPC Class1Gen2 Standard

Max. Read range: 5cm

