

Customized RFID E-paper Price Label



Batteryless low cost solution

IV-CL-xxx, the customized E-paper label based on ISO15693 RFID, **low cost and no battery!!**

IV-CLXXX is the innovative e-label product family designed by InnoVictor, and the display content can be customized depends on the request. It is based on the advanced segment E-paper and ISO15693 RFID technologies, so no need for a battery. Also, it is no need for complicated RF system installation and management unlike other RF technologies (such as Wifi, Zigbee, Irda and so on).

It can be make our life more convenient and green through completely replacing the current paper label. In addition, you can also store the product or coupon information in its inside 3Kbit memory, even support NDEF data format for a NFC phone, so customers can easy to use a NFC phone to download the coupon and visit the web site. Furthermore, its 32-bits password protection mechanism make your usage more flexible.

Key Features:

- * Size(W*L*H):
 - E-paper display: customized depends on request
- * Display:
 - Segment e-paper display:
 - customized depends on request
- * RF:
 - ISO 15693 13.56Mhz
 - Unique identification code(UID)
 - Read range: several center meter depends on the reader
- * Memory:
 - Total 4K/16K bits EEPROM:
 - 1Kbits are reserved for the display parameter
 - Additional 3K/15K bits can be used for storing the information such as product specification, manufacturing and so on
 - More than 40-year data retention
 - More than 1 million Write cycles
- * Flexible LED indictor if need

Key Benefits:

- The size and display content can be customized depends on request.
- Thick label thanks to no battery
- No marginal failure risk thanks to change the price efficiently and conveniently
- Able to change the display content from price to product serial number for a warranty card after payment
- Low cost and green due to batteryless solution
- 4k/16K bits EEPROM embedded
 - 1 k bits are reserved for display configuration with password protection
 - Additional 3K/15K bits memory can be used for storing the production/coupon/allergy information
 - Good for inventory management
 - NDEF format for a NFC phone can be support:
 - Customer can easy to visit the related web site to check more information.
 - Over 40-year data retention and 1 million programming cycle
- Unique ID for each label
- Three 32 bits password protection for the confidential information.

