

Smart Card

INTELLHYDRO smart card production line was built in 2006, covers more than 6800 m² in Dongguan High-tech Industrial Area, committed to manufacturing Contactless Smart Card, Contact IC Card, Plastic card, smart card inlay. Well-Equipped with the most advanced working machines: Germany Heidelberg CMYK Four Color Offset Printing Machine, Five Color Offset Printing Machine, Independent COB Binding Department, 38 Full- Automatic Inlay Production Lines, Full-Automatic Punching Machine, Full-Automatic Laminator, Capable of producing 10 million cards and 12 million inlay per month. Our experienced engineers and workers check every single card for quality and performance to ensure the reliability in every corner of the world.

INTELLHYDRO ADVANTAGES

- **Accepting complex personalization operations**
- **High tech R&D for customized RFID products**
- **Extensive know how in the card manufacturing technology**
- **Plain surface for transfer printing**
- **Clamshell and ISO card alternative**
- **Competitive pricing and fast delivery time**

CARD FEATURES

QUALITY STANDARD	ISO, ANSI, Credit cards and ABA standards
EDGES	Clean, precise optically die cut edges and rounded corners
FINISH	Mirror like finish; No scratches and dents
SHAPE	Will pop back into shape if bent or folded
PRINTING	Four color litho printed on Heidelberg Machines in full spectrum of color; Accurate, precise, detailed, natural brilliant reproduction of your artwork.
BONDING	PVC cards are fused together using very high temperatures i.e., 150 degrees Celsius as a result the layers bond together to make one complete layer
RAW MATERIAL	Our cards are made with the highest quality of PVC which is the only substrate used for secure card applications.
QUALITY CONTROL	ISO9001; Quality control and checks at various stages starting from Incoming raw material QC, Printing QC, Lamination QC, Punching QC, Personalization QC & Packaging QC.
PACKAGING	Each box is over wrapped with shrink wrap to avoid dust and dirt. The quantity and serial number is clearly defined on each box

CARDS OVERVIEW



Low Frequency Smart Card | 125KHz

- EM4100, TK4100, EM4200, T5577, etc.
- Door Lock system, Identification, etc.



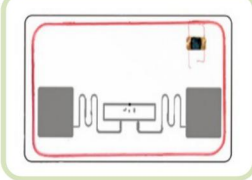
High Frequency Smart Card | 13.56MHz

- MIFARE Classic, MIFARE Ultralight, NTAG216, NXP I.CODE SLI, SR176, etc.
- Access Management, ETC, Loyalty, etc.



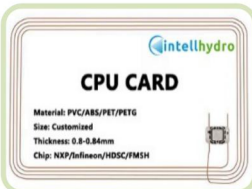
Ultra-high Frequency Smart Card | 860-960MHz

- Higgs 3, Monza 4QT, Monza R6, UCODE 7, UCODE DNA, etc.
- Logistic, Identification



Dual Frequency Smart Card

- LF 125KHz + HF 13.56MHz card
- LF 125KHz + UHF 860MHz -960MHz
- HF 13.56MHz + UHF 860MHz -960MHz



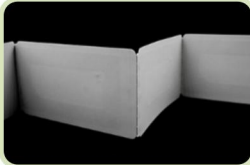
CPU Card

- NXP/Infineon/HDSC/FMSH
- E-wallet, E-passport, highway ETC, Bus automatic ticketing system, Social security system, IC card refueling system, etc.

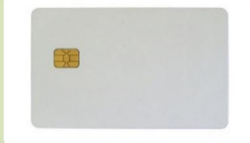


NFC Card

- ICODE® SLI, ICODE® SLIX, NTAG® 213, NTAG® 214, NTAG® 215, NTAG® 216, MIFARE Classic®, MIFARE Ultralight®, MIFARE® DESFire® EV1, MIFARE Plus®, etc.
- Access Control, Membership Loyalty System, Time Attendance, Hotel Locks, Payments, Transportation

**Paper Card**

- UHF / HF / NFC
- Single-Use Ticket, Multiple-Use Ticket, Public Transportation, Pre-Paid Voucher

**IC Card**

- SLE4442/5542, SLE4428/5528, BL7442, BL7428, AT24C01, AT24C02, AT24C16, AT24C64, AT24C56, AT88SC102, etc.
- Finance, transportation, medical care, identification

**Smart Card Inlay**

- ISO/IEC 11784/785, ISO14443A, ISO15693, ISO18000-6C
- Layout 2*5, 4*5, 5*5, 4*6, 4*7, 4*8, 4*10, 3*6, 3*7, 3*8, 6*7, 6*8, 6*14 or customized.

Optional Crafts**Layout Printing**

- Offset Printing
- Silk Screen Printing
- UV Printing
- Metallic Gold/ Silver Background
- Gold/Silver Stamp

Craft

- Hologram
- Magnetic Stripe
- 1D & QR Code printing
- Signature Panel
- Punch Hole / Slot

Number Printing

- Jet Dot Printing
- DOD Printing
- Thermal Printing
- Embossing Number
- Laser Engrave