

Multi-purpose Contactless reader

# IDP -680



## Main Features

- Multi-protocol supportive  
: ISO 14443, Mifare series, DESFire, FeliCa, ISO15693
- NFC (ISO18092) full function support
- Multi-purpose design (Unattended type/ Desktop standing)
- **Contactless EMV L1 Certified**
- **Compatible with**



## Applications

- Contactless payment ( Open and closed loop payment)
- NFC Application ( mobile wallet – Samsung Pay, Apple Pay)
- Unattended machine ( ATM, CDM, Kiosks)
- Transportation

# IDP - 680

Multi functional contactless reader



IDP680  
(standing)



DE-ABCM2 V.2

## Benefits

- antenna support ( e -TALL High way)
- Water proof housing design (IP65 )
- Low energy consumption (5V Power /USB)

## Specifications

<b>CPU</b>	ARM 32-bit Cortex-M4
<b>Program/ Data Memory</b>	1MBytes Flash / 192KBytes SRAM
<b>Host Interface</b>	USB 2.0 , Serial (RS-232) /TTL UART(115200bps)
<b>Contactless Communication</b>	ISO 14443 A/B, Mifare™, ISO 18092(NFC), DESFire, FeliCa®, ISO 15693
<b>Contact Communication</b>	ISO-7816 SAM x 4EA (up to 6EA)
<b>Frequency</b>	13.56 MHz
<b>Contactless Speed</b>	106/212/424/848kbps (Up to 424kbps for NFC, FeliCa )
<b>Reading Distance</b>	Maximum 5cm
<b>Host Protocol</b>	PC/SC, Proprietary
<b>Input Power</b>	DC5V / 200mA (RF ON with USB POWER)
<b>Dimension</b>	Body : 108 x 78 x 19 (mm), Deco : 135 x 105 x 20 (mm)
<b>Display</b>	4 LEDs , Connector for external LEDs
<b>Operating Temperature</b>	-20 ~ 60 °C
<b>Certification</b>	NFC Forum, RF EMV Compliant