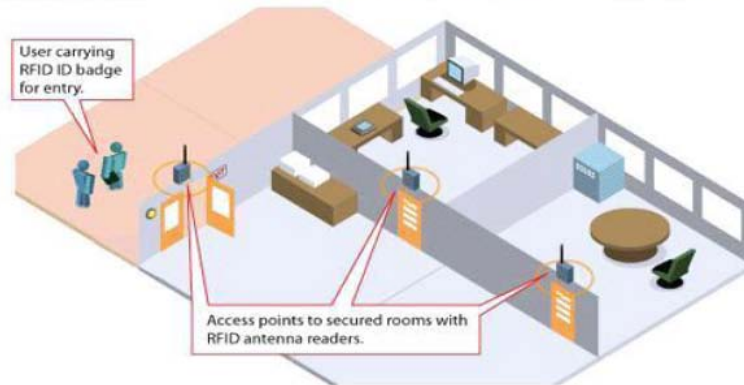


EcoGreen Singapore

RFID Products Catalogue

EcoGreen-SG (RFID ID Badge & Security System)



EcoGreen Singapore

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Tel: S'pore 65-64694594, Fax: 65-62343917 **Email:** newdvr@singnet.com.sg

Shenzhen EcoGreen

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Futian District, ShenZhen, P.R. China. (深圳市深南中路 3039 号国际文化大厦 1518)

Email: sales@ecogreen.sg

RFID HF Products

HF Desktop Reader(NFC-6310) NFC Contactless Reader



- 13.56MHz working frequency
- Support ISO/IEC 15693 or 14443A /B, Tag-it RF protocol
- Support ISO/IEC 18092, ISO15693, ISO1443A/B, Felica RF
- Build-in antenna Protocol
- Support RS-232,RS-485,Wiegand26/34 communication
- USB Communication Interface interface
- Match ISO7816-3 SAM socket

RFID UHF Products

UHF Reader

UHF Long Range Integrative Reader(NFC-9801) UHF Middle Range Integrative Reader (NFC-9601)



Customized working frequency(860Mhz-960Mhz adjustable)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
Long reading distance(stable range is up to 10m)
Multiple communication interface(RS-232, RS-485, Wiegand, Ethernet)Ethernet for NFC-9601 type E)



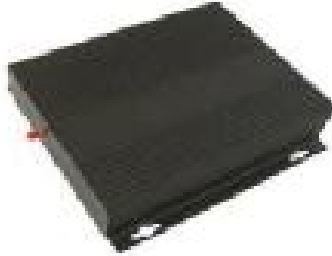
Customized working frequency(860Mhz-960Mhz adjustable)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
Long reading distance(stable range is up to 6m)
Multiple communication interface(RS-232, RS-485, Wiegand, Waterproof and sunproof

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UHF One port Reader (NFC-9811) UHF Two-port Reader(NFC-9812)



Customized working frequency(860Mhz-960Mhz)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
One outer antenna can be connected
Long reading distance(depends on antenna, tag and testing environment)
Multiple communication interface(RS-232, RS-485, Wiegand, Ethernet, WIFI customized)



Customized working frequency(860Mhz-960Mhz)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
Two outer antennas can be connected
Long reading distance(depends on antenna, tag and testing environment)
Multiple communication interface(RS-232, RS-485, Wiegand, Ethernet, WIFI customized)

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RFID UHF Four-Port Reader(NFC-9814) RFID UHF Desktop Reader(NFC-9211)



- Customized working frequency(860Mhz-960Mhz)
- Support both EPC Class 1 Gen 2 and ISO-18000-6B
- Four outer antennas can be connected
- Long reading distance(depends on antenna, tag and testing environment.)
- Multiple communication interface(RS-232, RS-485, Wiegand, Ethernet,WIFI customized)



- Customized working frequency(860Mhz-960Mhz)
- Support both EPC Class 1 Gen 2 and ISO-18000-6B
- Build-in antenna, reading distance around 50CM
- Support RS-232, RS-485, Wiegand, USB and Ethernet

UHF Integretive Module (NFC-9241M)



Customized working frequency(860Mhz-960Mhz)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
Build-in antenna, reading distance around 40CM
Support RS-232, RS-485, Wiegand interface

UHF One-port Module(NFC-9801M)



Customized working frequency(860Mhz-960Mhz)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
One outer antenna can be connected
Support RS-232, RS-485, Wiegand interface

RFID UHF Two-port Reader Module(NFC-9802M)



Customized working frequency(860Mhz-960Mhz)
Support both EPC Class 1 Gen 2 and ISO-18000-6B
Two outer antennas can be connected
Support RS-232 communication interface(RS-485, Wiegand can be customized)

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UHF Handheld Reader(NFC-9221)



Customized working frequency(860Mhz-960Mhz)
RF protocol: ISO18000-6B, EPC Class 1, EPC Class 1 GEN 2
Reading distance:0-1m
Operating system Microsoft® WinCE.NET 5.0
Other function: WIFI, GPRS, Barcode

UHF Antenna

UHF Long Range Linear Polarization Antenna(NFC-UHF Circular Polarization Antenna (NFC-9603R) 9801T)



Customized working frequency(860Mhz-960Mhz)
12 dBi high gain design(Stable range is up to 10m)
Linear vertical polarization



Customized working frequency(860Mhz-960Mhz)
9 dBi high gain design(Stable range is up to 5m)
Right-hand-circular (RHC) polarization

UHF Linear Polarization Panel Antenna(NFC-UHF Ceramic Antenna (NFC-9401R) 91601T)



Customized working frequency(860Mhz-960Mhz)
15dBi high gain design (Stable range is upto 13m)
Linear vertical polarization.
Wide cover range



Customized working frequency(860Mhz-960Mhz)
4 dBi high gain design
Right-Hand Circular polarization
PCB Size 90mm*90mm

UHF Ceramic Antenna (NFC-9402R)

- Customized working frequency(860Mhz-960Mhz)
- 1.5 dBi high gain design
- Right-Hand Circular polarization
- PCB Size 30mm*30mm

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RFID Active Products

2.45Ghz Active Reader

2.4GHz Active Reader (NFC-2411E)



- 2.4G~2.5GHz ISM working frequency
- Connect 1 antenna through SMA
- Long distance identification (0-200m, depend on antenna)
- Environmental friendly (little RF power)

2.45GHz Active Integrative Reader (NFC-2421E)



- 2.4G~2.5GHz ISM working frequency
- Integrative design, waterproof & sun proof
 - Long distance identification (0-200m, adjustable)
- Environmental friendly (little RF power)

Data Transmission Module(NFC-2411M)



Function Using original data transmission, also support user-defined transmission
Frequency 315MHz, 433MHz, 868Mhz,915MHz(customized)
Multiple communication Interface RS232, RS485, USB, Ethernet, CAN

2.45GHz active Handheld Reader(NFC-2431)

2.4G~2.5GHz ISM working frequency
Long distance identification(0-50m adjustable)
Support language C++, C#, .NET
WIFI, GPRS, GPS, Bluetooth, Barcode, Webcam etc. optional

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Active Tag - 2.45Ghz

2.45GHz Active Tag (NFC-2432) 2.45GHz Mini Active Tag(NFC-2435)



- 2.4G~2.5GHz ISM working frequency ●2.4G~2.5GHz ISM working frequency
- Excellent anti-collision 500 tags read simultaneously ●Excellent anti-collision 500 tags read simultaneously
- User memory Max 4K bytes ●User memory Max 4K bytes
- Life time 2-6 years (the default time interval is 500ms) ●Life time 3-5 years(the default time interval is 500ms)

2.45GHz Active Wristband Tag (NFC-2432WS) Dual Frequency Tag(NFC-2440)



2.4G~2.5GHz ISM working frequency
Operating Mode Read-only
Excellent anti-collision 500 tags read simultaneously
User memory Max 4K bytes
Life time 3 years

Working frequency 2.4G~2.5GHz ISO15693/ISO14443A/B
Operating Mode Read-only Read-write
Reading distance 0-100m(adjustable) 5cm
Life time 5 years

433Mhz Reader

433Mhz Active Reader (NFC-4311E)

433Mhz Active Integrative Reader (NFC-4321E)



391MHz~464MHz working frequency
Connect 1 antenna through SMA
Long distance identification (0-100m,depend on antenna)
Environmental friendly (little RF power)
Relay output, CAN, RSSI, ID match function, Offline function and Time function

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433Mhz Handheld Reader (NFC-4331)



- 391MHz~464MHz working frequency
- Integrative design, waterproof & sun proof
- Long distance identification (0-500m, adjustable)
- Excellent anti-collision performance
- Relay output, CAN, RSSI, ID match function, Offline function and Time function
- 391MHz~464MHz working frequency
- Support USB 、 UART communication interface
- Operating system Microsoft Windows CE 5.0
- Support language C++, C#, .NET
- WIFI,GPRS,GPS, Bluetooth, Barcode, camera etc. optional

433Mhz Tag

433Mhz Active Tag (NFC-4325)



- 391MHz~464MHz working frequency
- Read-only, Read-Write type
- Excellent anti-collision 500 tags read simultaneously
- User memory Max 4K bytes
- Life time 3-5 years

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5.8Ghz RFID Reader

5.8Ghz DSRC Microwave Reader(NFC-5801E) 5.8Ghz Electronic Tag(NFC-5801T)



- Frequency:5770Mhz-5850Mhz
- Solution: Highway No-Parking Free Management etc.
- Integrative design(14dBi high gain antenna)
- Reading distance: 20 meters
- Multiple communication Interface:RS-232, RS-485,Wiegand,
- CAN, USB 2.0, Ethernet



- Frequency:5770Mhz-5850Mhz
- Protocol standards: China ETC tag GB/T 20851-2007,
- international DSRC standard
- Antenna polarization: Left circular polarization
- Communication interfaces: ISO7816 , mini USB
- Low voltage alarm and anti- disassembly repair function

Wireless Sensor Network Products

End Devices -Wireless Sensor(NFC-4320) Range Extenders-Wireless Sensor(NFC-4330)

- Function capture and transmit data, Self-organizing network
- Frequency 315/433/868/915MHZ(customized)
- Reading distance 1000m in open area
- Battery life 5 years (1100mAh), alarm when low battery
- Network protocol NFC Vicbee(compatible with Zigbee protocol)

Access Point-Wireless Sensor(NFC-4301)



Function Extend reading distance and Transmit ED data to AP
Frequency 315/433/868/915MHZ
Reading distance 1000m in open area
Battery life 5 years (1100mAh), alarm when low battery
Self-development network protocol, and have better performance and expansibility
Network protocol NFC Vicbee (compatible with zigbee protocol)
Function Data analysis
Frequency 315MHz, 433MHz, 868MHz, 915MHz(Optional)
Reading range 0-1000M
Connect one outer antenna via SMA



Multiple communication interface:RS232, RS485, Wiegand, USB, Ethernet Excellent anti-collision and penetrability
Network protocol NFC Vicbee (compatible with zigbee protocol)

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