

## LoRaWAN Digital I/O Controller



- NT-201-DIO-WAN : LoRaWAN Digital I/O Controller
- CPU : 32 bits MCU ,160 MHz , 400KB SRAM, 380KB Flash ROM
- Support LoRaWAN 1.0.2col
  
- **LoRa** : Semtech SX1262
  - Freq. : ISM band 863 ~ 928MHz
  - Receiver Sensitivity : -139 dBm
  - Transmit Output Power : 22 dBm
  - Deep Sleep Current : 10uA
  - TX current < 140 mA@20 dbm , RX current < 10 mA
  - Antenna : SMA Type , 2 dBi , changeable
  - Distance : Up To 1500 Meters in free space
  - Data Rate : 0.244 ~ 18.2K bps (LoRa) / 300 K bps (FSK)
  - Application mode : Star
  
- **Digital I/O**
  - Digital Input \* 4  
3000VDC Isolation Protect ( Active High /Active Low Selectable )  
Dry contact : Logic level 0 : close to GND , Logic level 1 : open  
Wet contact : Logic level 0 : 0~3 V , Logic level 1 : 10 ~ 30 V
  - Digital Output \* 3  
Relay ( Active High /Active Low Selectable )  
120V AC@0.5A , 240V AC@0.5A , 24V DC@1A
  
- Setup Tool : Windows Utility
- Power : DC 9 ~ 24V / 150ma @ 9V , 60ma @ 24V
- Led Lamp : SYS (red) , Pairing (green) , Rx(red) , Tx(green),Pair (Green)
- Environment: Operating Temperature:-10°C ~ 70°C  
Storage Temperature:-20°C ~ 85°C
  
- Dimensions : 100 \* 90 \* 25 mm ( W \* D \* H )
- Weight : 150 gm ( not include power )