NETCOM
Wireless Mobility

EasyDIO   RF to I/O Converter

★ **Advanced Wireless DIO/RS232/RS485 controlled Extend Box**
★ **Wireless Networking Ready**
★ **Plug & Play, Easy to use**
★ **Easy NC Command**
★ **NO APP needed**

Specification:

- Build in Multiple Cluster, Repeater Topology Wireless IO-Set Networking
- Alternate Route/Path Transmission
- Low Cost for Each Node, Definable Master/Slaver/Node
- Max 23 Levels, no. of Slave at Level n is $(2^{(23-n)}-2)$
- 315/433/868/915/950MHz UHF ISM Predefined Frequency Band, Multi-Channels
- Transmit Power :   +10dBm ~ +20dBm, Auto RF Power Output Adjustment Mode
- Receive Sensitivity: -115 dBm
- Excellent Wireless Communication over Distance, Long Range   ~2Km @Open Area
- Up to 128Kbps Data Transmission Rate
- On Module High Performance CPU with DSP instruction; DSP Lib Available
- Power Management by Sleeping Mode, Idle Mode and Power Down Mode
- Wake Up from RF Signal
- Build In Chip Antenna or External Antenna
- Encryption by user defined key words
- 1x UART and 1x RS485 Port
- Optional 1xUSB for Host Connection
- Remote Controllable 4xOpto-DI and 4xOpto-DO
- 4x Programmable LED
- Build In ADC Voltage Detection
- NC Command Set for Configures, Data and Data Stream, no programming needed, through UART or USB
- Wide range 6Vdc~30Vdc Input Voltage
- Very Low Power Rx <30mA ; Tx <45mA
- Dimension: 75 mm x 63mm x 23mm
- -20 to +80C temperature range

Application

☆ Factory Automation   ☆ Home Automation
☆ PC Host Extension   ☆ Alarm & Security