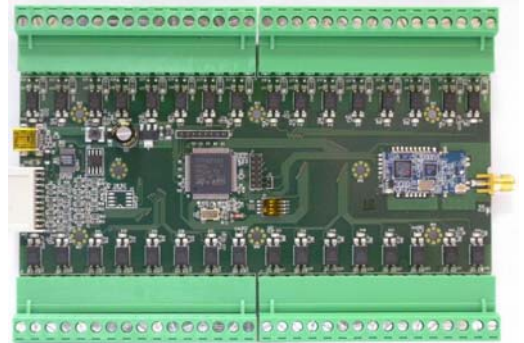


Advanced aUSBIO-16i16o Module

- ★ Multiple IO Interface, Easy Command through RF or USB
- ★ Long Range, Wireless Networking Ready
- ★ Isolated DI and DO
- ★ Plug & Play
- ★ PC Management Tool and API



Specification:

USB Interface

- USB 2.0 Full Speed Interface
- USB Device Driver Ready; support up to 16 Individual aUSBIO Modules
- USBAssist Tool and API provided

RF Interface

- RF Peer to Peer or Networking Ready, Can be defined as Master/Slave/Node
- 4 Byte Group Address and 4 Byte IP Address
- 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 >1~2Km @Open Area
- Up to 128Kbps Data Transmission Rate
- Power Management by Sleep Mode, Idle Mode and Power Down Mode
- Wake Up from RF Signal
- External SMA Antenna
- Encryption by user defined key words

Isolated IO

- 16 ch Isolated Digital Input, 3500Vacrms Isolated 4V-24Vdc Input, individual set
- 16 ch SSR, +/- 350Vac or Vdc, +/-130mA, 3000Vacrms Isolation

Multiple IO

- 8-ch 0-10V , 12bit Resolution ADC
- 1x RS232 Port
- 1x RS485 Port
- Optional 1xCAN bus

API Software Interface

- NC Command Set for RF Configuration
- USBAssist Tool Ready
- API for customers' development

Physical Information

- USB 5V Power Supply or External 4Vdc ~ 12Vdc Power Input
- Dimension: 162mm x 90mm
- -20 to +80C temperature range

Application

- ☆ Factory Automation
- ☆ Building Automation
- ☆ Industrial Telemetry
- ☆ Alarm & Security

Order Information

aUSBIO-0c: aUSBIO with Customized Frequency Band
aUSBIO-3c : 315MHz Frequency Multi Channel Band aUSBIO Module
aUSBIO-4c : 433MHz ISM Band Multi-Channel aUSBIO Module
aUSBIO-8c : 868MHz ISM Band Multi-Channel aUSBIO Module
aUSBIO-9c : 915MHz ISM Band Multi-Channel aUSBIO Module
c: CAN bus interface