

WIRELESS PRODUCT

100KS/s 16-channel analog input, 16 relay outputs, 32-bit RISC processor, master frequency 66MHZ, 2MB NOFlash, 512KB SRAM, supports CF card, storage. It's convenient to transfer data and supports zigbee data transmission.

- Core Module: 66MHz main frequency 32-bit RISC processor
- Memory: 2MB NorFlash 512KB SRAM
- Communication Interface: One Zigbee module, external antenna
One 3-wire RS232 serial port, baud rate up to 115200Kbps
One isolation RS485 interface
- Other Devices: One recalibrate external RTC
4 LED indicators (power supply- red, status-green)
Hardware Watchdog to ensure the system reliability
- Analog/digital signal input/output:
AI: 16-ch 16-bit analog input, range $\pm 10V$, $\pm 5V$, $\pm 2.5V$, $0\sim 10V$, $0\sim 5V$ (isolated)
AO: 8-ch 12-bit analog output, range $0\sim 5V$, $0\sim 10V$, $\pm 5V$, $\pm 10V$ (isolated)
DI: 16-ch dry contact input
DO: 16-ch relay output
- System Power Supply: $9V\sim 30V$
Operation Temperature: $-40^{\circ}C\sim +80^{\circ}C$



A-Zigbee1081

16-bit 8-channel isolation analog input, 12-bit 2-channel isolation analog output, 8-channel isolation digital input, 8-channel relay output. It is with RS-232/485 interface 7 V \sim 30V wide range power supply, data terminal supports zigbee transmission.

- *16-bit 8-channel isolation analog differential input ($-10\sim 10V$)
- *12-bit 2-channel isolation analog output ($0\sim 5V/0\sim 10V$)
- *8-channel isolation digital input
- *8-channel relay output (30VDC, 2A)
- *Supports virtual data private network
- *Supports multiple data centers
- *Data Terminal supports A-zigbee transmission
- *Support disconnection auto-reconnect feature
- *With power supply, connection status and operation lights
- *With an RS-232/485 interface
- *Multi-reliable hardware and software design, watchdog technology enables safe operation of equipment
- *Single $+7V\sim +30V$ wide range power supply (recommended $+9V\sim +12V$);
- *Operating Temperature: $-20^{\circ}C\sim +70^{\circ}C$
- *Operating humidity: 90%



A-Zigbee1080



Astra Elektronik Sanayi İthalat ve Ticaret Limited Şirketi

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WIRELESS PRODUCT

With RS-485/232 interface, the data received by RF will be converted into RS-485/232 output. Supports up to 6-hop, can increase the network coverage to 6km, support disconnection reconnection function, support remote configuration device information, power supply range DC 5V~30V

- * Transmission distance: Normal - Indoor: <30m, Outdoor: <100 m
Enhanced - Indoor: <100m, Outdoor: <1000 m
- * Supports up to 6-hop, can increase the network coverage to 6km
- * Transparent data transmission: the data received by RF will be converted into RS-485/232 output
- * Transmission mode: Broadcast send or Destination address to send mode
- * Node type: Central node (coordinator), routing nodes, terminal nodes can be arbitrarily set
- * Networking capabilities: star network, tree network, chain-type network, Mesh network(mesh network)
- * 254 network ID can be arbitrarily set
- * Support the disconnection re-connection function
- * With RS-485/232 interface
- * Supports remote configuration device information
- * Multi-reliable hardware and software design, watchdog technology enables the safe operation of equipment,
- * Power supply range: DC 5V ~ 30V (recommended 9V~12V)
- * Power: Send Current: General - <50mA; Enhanced - <215mA
Idle/Receive Current: General - <50mA; Enhanced - <55mA
Sleep Current: <100uA
- * Operating Temperature: -30°C~+70°C
- * Operating Humidity: 5%~90%



A-Zigbee1090

- *Input type: Thermocouple, J, K, T, E, R, S, B, N, WRe5-WRe26
- *Channel Input: 8-channel differential
- *Sampling frequency: 10Hz
- *Resolution: 16 bit
- *Full Scale Drift: 25ppm/°C
- *Isolation Voltage: 3000V
- *Built-in Watchdog
- *Power: Unhandled +10V~+30 VDC
- *Power: 0.6W@24VDC



A-Zigbee1082



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