

- 1 to 1 BT module -

BT-04E

Slave



- BT protocol: SPP3.0+BLE4.2
- Interface: UART
- Size: 15.8\*11.4\*2.3 mm
- Power Supply: 3.0 V-3.6 V
- Work current: 6ma
- Distances: 75M
- Rate: Spp:10K Bytes/s,BLE:4.8K Bytes/s
- Certification: CC,FCC,SRRCV,BQB

BT-04E-LE

Slave



- BT protocol: BLE4.2
- Interface: UART
- Size: 15.8\*11.4\*2.3 mm
- Power Supply: 3.0 V-3.6 V
- Work current: 6ma
- Distances: 75M
- Rate: 4.8K Bytes/s
- Certification: CC,FCC,SRRCV,BQB

BT04-E02/-LE

Slave & E05 & E06 program



- BT protocol: SPP3.0+BLE4.2
- Interface: UART
- Size: 26.6\*12.8\*2.3 mm
- Power Supply: 3.0 V-3.6 V
- Work current: 6ma
- Distances: 75M
- Rate: 10K Bytes/s
- Certification: CC,FCC,SRRCV,BQB



IoT | Bluetooth  
Wi - Fi

en.dx-smart.com

- Services -



Firmware  
Development



PCB Design



APP Support



IoT Cloud



SDK



Depth  
Customization

- Company Profile -

Shenzhen DX-SMART Technology Co., Ltd. was established in 2014. It is an industrial intelligent IoT product supplier integrating R&D, production and sales, and a national key high-tech enterprise. Adhering to the mission of "DX-SMART-Make the internet of Things simpler and smarter", it is we are committed to providing customers with wireless communication IoT modules and IoT solutions.

A one-stop solution from software and hardware to app customization. Lower costs & faster delivery.

1. 10 years of R&D experience
2. 15% of R&D personnel
3. 300+ experienced production personnel
4. Annual export: 500,000 pieces
5. Monthly output: 100,000 pieces

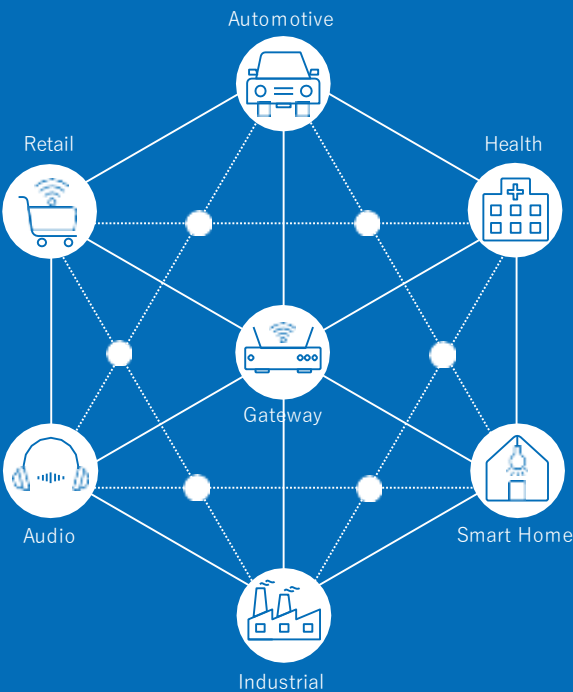
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Shenzhen City, Guangdong Province, China



- WIFI Module -

DX-WF20



- Chipset: DA16200
- Size: 30.8\*15.2\*3 mm
- Protocol: IEEE 802.11 b/g/b
- Power Supply: 2.1V~3.6V
- Work Frequency : 2.412~2.484 MHz
- Support mode: Station & Soft-AP & Sation+Soft-AP
- Characteristic:256KB ROM,512KB SRAM,OTP 2K,4MB SPI
- Flash,40 MHz Crystal oscillator

DX-WF24



- Protocol: WIFI + BLE 5.2
- Interface: UART
- Size: 22\*15.2\*2.2 mm
- Protocol: IEEE 802.11 b/g/b
- Power Supply: 3.3 V
- Work Frequency : 2.412~2.484 MHz
- Support mode: Station & Soft-AP & Sation+Soft-AP
- Characteristic:256KB ROM,512KB SRAM,OTP 2K,4MB SPI

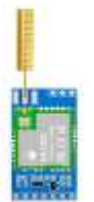
ESPC2-12



- Protocol: ESP32-C2 ESP8684H2
- Interface: UART、GPIO\*13、IIC、SPI、EN.ADC
- Size: 16\*24\*3 mm
- Protocol: IEEE 802.11 b/g/b
- Power Supply: 3.3 V
- Work Frequency : 2.412~2.484 MHz
- Support mode: Station & Soft-AP & Sation+Soft-AP
- Characteristic:20 Mhz、72.2Mbps、CE&FCC、40~105°C

- LORA Mode -

DX-LR01



- Chipset:ASR6601
- Transmission distance:6KM
- Size:19\*16.5\*2.4 mm
- Protocol:LORA
- Power Supply: 3~3.7V
- Work Frequency : 433~475 MHz
- Transmit power:-0~22dBm
- Interface:UART、12C、SPI、GPIO

- 1 to 8 connection module -

DX-BT26



- Chipset:DA 14585
- Version:Bluetooth5.0
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-20~0dBm
- Interface:UART、12C、SPI、GPIO

DX-BT28



- Chipset:DA 14585
- Version:Bluetooth5.0
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-2~18dBm
- Interface:UART、12C、SPI、GPIO

DX-BT30



- Chipset:DA 14585
- Version:Bluetooth5.0
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2480 MHz
- Transmit power:-20&10dBm
- Interface:UART、12C、SPI、GPIO

DX-BT24



- Chipset:DA 14531
- Version:Bluetooth5.1
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-19.5~+2.5dBm
- Interface:UART、12C、SPI、GPIO

DX-BT27



- Chipset:DA 14531
- Version:Bluetooth5.1
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-8.5~+13.5dBm
- Interface:UART、12C、SPI、GPIO

DX-BT24-S



- Chipset:DA 14585
- Version:Bluetooth5.1
- Size:14.5\*12\*2.2 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-19.5~+2.5dBm
- Interface:UART、12C、GPIO

- Dailog BLE Module -

DX-BT24-M



- Chipset:DA 14531
- Version:Bluetooth5.1
- Size:13.3\*8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-19.5~+2.5dBm
- Interface:UART、12C、SPI、GPIO

DX-BT24-T



- Chipset:DA 14531
- Version:Bluetooth5.1
- Size:8.3\*7.6\*2.1 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-19.5~+2.55dBm
- Interface:UART、12C、SPI、GPIO

DX-BT36



- Chipset:DA 14535
- Version:Bluetooth5.3
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2.480 MHz
- Transmit power:-18~+4dBm
- Interface:UART、12C、SPI、GPIO

- 1 to 1 HID connection -

DX-BT24-HID



- Chipset:DA 14531
- Version:Bluetooth5.1
- Size:26.6\*12.8\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2480 MHz
- Transmit power:-19.5~2.5dBm
- Interface:UART、12C、SPI、GPIO






DX-BT31



- Chipset: Dual Bluetooth modules
- Version:Bluetooth5.0
- Size:26.7\*13\*2.3 mm
- Protocol:GATT、ATT、GAP
- Power Supply: 3.3V
- Work Frequency : 2.402~2480 MHz
- Transmit power:Maximum 6dBm
- Interface:UART、12C、SPI、GPIO

- 1 to 1 High speed rate -

- Interface adapter -

<b>DX-CP11</b>	<b>Bluetooth to USB</b>	<b>DX-CP24</b>	<b>RS485 to Bluetooth</b>	<b>DX-CP26</b>	<b>RS232/RJ45 to Bluetooth</b>	<b>DX-CP20</b>	<b>RS232 to Bluetooth</b>
	<ul style="list-style-type: none"><li>• Chipset:DA 14531</li><li>• Version:Bluetooth5.1</li><li>• Size:67*25*2.3 mm</li><li>• Transmit power:-8.5~13.5dBm</li><li>• Work Frequency : 2.402~2480 MHz</li><li>• Master : 420m</li><li>• Slave: 420m</li><li>• Protocol:GATT、ATT、GAP</li></ul>		<ul style="list-style-type: none"><li>• Chipset:DA 14531</li><li>• Version:Bluetooth5.1</li><li>• Size:60*27*16 mm</li><li>• Transmit power:-8.5~13.5dBm</li><li>• Work Frequency : 2.402~2480 MHz</li><li>• Master Set: 580m</li><li>• Slave: 75m</li><li>• Protocol:GATT、ATT、GAP</li></ul>		<ul style="list-style-type: none"><li>• Chipset:DA 14531</li><li>• Version:Bluetooth5.1</li><li>• Size:60*27*16 mm</li><li>• Transmit power:-19.5~2.5dBm</li><li>• Work Frequency : 2.402~2480 MHz</li><li>• Master Set: 420m</li><li>• Slave: 75m</li><li>• Protocol:GATT、ATT、GAP</li></ul>		<ul style="list-style-type: none"><li>• Chipset:DA 14531</li><li>• Version:Bluetooth5.1</li><li>• Size:60*43*27 mm</li><li>• Transmit power:-8.5~13.5dBm</li><li>• Work Frequency : 2.402~2480 MHz</li><li>• Master Set: 580m</li><li>• Slave: 75m</li><li>• Protocol:GATT、ATT、GAP</li></ul>
<b>DX-CP12</b>	<b>Bluetooth to RS232</b>						
	<ul style="list-style-type: none"><li>• Chipset:DA 14531</li><li>• Version:Bluetooth5.1</li><li>• Size:63*32*16 mm</li><li>• Transmit power:-8.5~13.5dBm</li><li>• Work Frequency : 2.402~2480 MHz</li><li>• Master Set: 70m</li><li>• Slave: 90m</li><li>• Protocol:GATT、ATT、GAP</li></ul>						

- Ibeacon & Eddystone-

<b>DX-CP28</b>		<b>DX-CP27</b>	<b>Mini Beacon (IP67)</b>	<b>DX-CP29</b>	<b>Card IBeacon (Supports Tyce-C charging)</b>	<b>DX-CP30</b>	<b>Wearable Beacon (IP67)</b>
	<ul style="list-style-type: none"><li>• Chipset: Dialog14531</li><li>• Version: Bluetooth 5.1</li><li>• Size: 61 * 61 * 18 mm</li><li>• battery: 880mAh *2 (CR2477)</li><li>• Intervals: 100ms~1000ms</li><li>• Distance: 100~120m</li><li>• Battery life: 3~5years</li></ul>		<ul style="list-style-type: none"><li>• Chipset: Dialog14531</li><li>• Version: Bluetooth 5.1</li><li>• Size: 40 * 24 * 5 mm</li><li>• battery: 180mAh</li><li>• Intervals: 100ms~1000ms</li><li>• Distance: 100~120m</li><li>• Battery life: 1~2years</li></ul>		<ul style="list-style-type: none"><li>• Chipset: Dialog14531</li><li>• Version: Bluetooth 5.1</li><li>• Size: 53* 85* 6 mm</li><li>• battery: 300mAh</li><li>• Intervals: 100ms~1000ms</li><li>• Distance: 100~120m</li><li>• Battery life: 1~2years</li></ul>		<ul style="list-style-type: none"><li>• Chipset: Dialog14531</li><li>• Version: Bluetooth 5.1</li><li>• Size: 34* 34 mm</li><li>• battery: 180mAh</li><li>• Intervals: 100ms~1000ms</li><li>• Distance: 100~120m</li><li>• Battery life: 1~2years</li></ul>