

5.8G High power long-distance digital wireless bridge RTG-BS500T



Product characteristics

- Digital display, one key pairing, automatic connection, no setting, convenient and fast, no need for mobile phone computer to complete;
- Support point-to-point, point-to-multipoint bridge, flexible application, to meet the needs of different application scenarios;
- 5.8G Frequency band, support spread spectrum, up to 300Mbps wireless transmission rate; s
- Strong anti-interference ability, not affected by the external environment, stable transmission;
- Adopt Qualcomm engineering chip, stable and reliable performance;
- High-power circuit design, built-in high-gain directional antenna, strong signal strength, longer transmission distance;
- Support timing restart, reduce the system operation cache, optimize the system operation, so that the equipment can run for a long time without delay;
- Support to hide and bridge SSID wireless signal, to avoid wireless terminals to search the signal, to avoid malicious attacks on network transmission data, to ensure the security of user data;
- Support 24V PoE power supply and 12V DC power supply, plug and play, more flexible power access;
- Outdoor rainproof design, IP65 protection grade, rain, dust, wind, sun protection, easy to adapt to a variety of harsh outdoor environment, to ensure long-term stable operation of equipment;

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- Olive design, simple and generous, simple and convenient installation, can be wall hanging, can hold the pole fixed installation;
- Suitable for major outdoor application scenarios, such as: outdoor site monitoring, tower crane monitoring, scenic spot monitoring, elevator monitoring, plant monitoring, dock monitoring, community monitoring, outdoor network transmission and other application scenarios.

Product Specifications

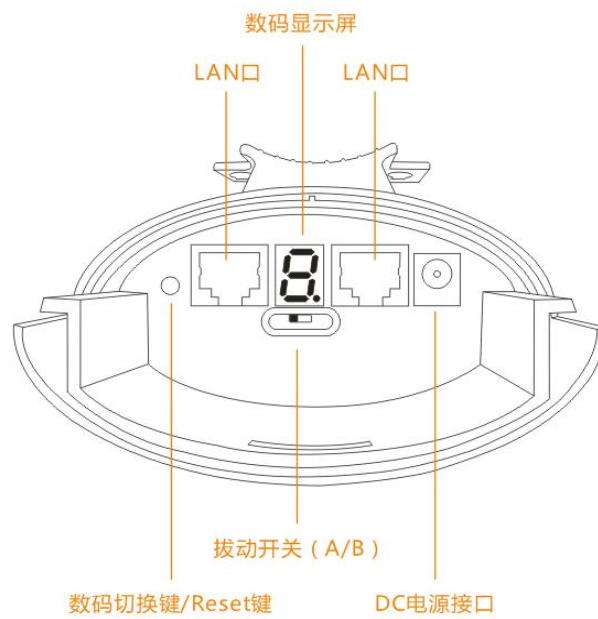
Product name	5.8GHigh power long distance digital wireless bridge RTG-BS500T	
Product model	RTG-BS500T	
Hardware Specifications		
Hardware system	Main chip	AR9344
	Memory	64MB
	FLASH	4MB
Wireless parameters	Protocol standards	IEEE 802.11a/n
	Working band	5.8G: 5180MHz to 5825MHz
	Wireless rate	300Mbps
	Transmit power	23dBm \pm 2 dBm
Physical interface	Network interface	2 10/100Mbps Ethernet ports (both support 24V PoE power supply)
	Hardware buttons	1 digital button /RESET button
	Power port	1 DC power port, supporting 12V DC power supply
	Pull the switch	1 pull switch (free switch between end A and end B)
	Digital display	1 digital display (support 0~9~A~F 16 channel display)
Wireless type	Wireless type	Built-in 14dBi dual-polarized directional antenna
Indicator light	LED indicator	POWER, WAN/LAN, WAN/LAN, 4 lights, WIFI
Power/Power consumption	Mode of power supply	Support DC12V power supply and 24V PoE power supply1A
	Overall power	The < 6 w
Product accessories	Mainframe	5.8GHigh power remote digital wireless bridge *1
	Power adapter	24V PoE power supply0.5A
	Other	User Manual *1, Warranty card *1, Certificate *1, stainless steel hoop *1
Appearance/Packaging	Exterior color	white.
	Product size	250mm** (L*W*H)90mm60m
	Package size	270mm** (L*W*H) (single pack)98mm100m 295mm** (L*W*H) (single set)283mm82m
	Weight	< 1kg(single set) < 2kg(pair pack)
Other	Optimal power	65 米 Within (Super Category 5 cable or above)

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	distance for PoE cables	
	Bridging distance	0-4 km
	IPC drive capacity	15 way, no stuck, no delay
	Installation method	Pole installation, wall mounted installation, bracket installation
	Level of protection	IP65, 2KV lightning protection
Software Specifications		
System operation mode	Normal mode	This mode supports AP mode, client mode, and trunk mode Support manual pairing bridge (when entering this mode, nixie mode fails)
	Nixie tube mode	Automatic pairing, support digital one-click pairing, no need to enter the WEB interface manual pairing
Bridge networking mode	Digital pairing	Supported, digital display, one-click pairing, convenient/easy/quick
	Manual pairing	Support
	Point-to-point bridging	Support
	Point-to-multipoint bridging	Support
Networking	Work mode	Wireless Bridge, AP mode, client mode, Relay mode
	LAN Setup	Support
	DHCP Server	Support
	Wireless network status display	Support
Wireless Settings	SSID modification	Support
	SSID Hiding	Support
	Encryption method	WPA-PSK, WPA2-PSK
	Bandwidth Settings	Support
	Wireless channel modification	Supported, spread spectrum available
	Wireless subscriber isolation	Support
	Wireless power regulation	Support
	Multiple SSIDs	Support
System management	Web interface Management	Support
	System language	Chinese/English supported
	Dongles	Support
	Timed restart	Support
	User Management	Support
	Firmware upgrades	Support
	Firmware file import and export	Support

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Interface description



Product size

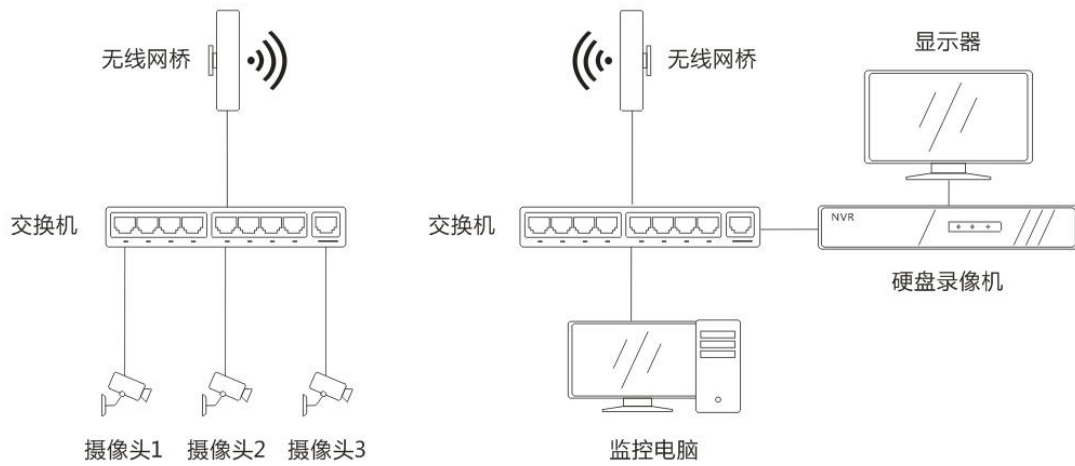
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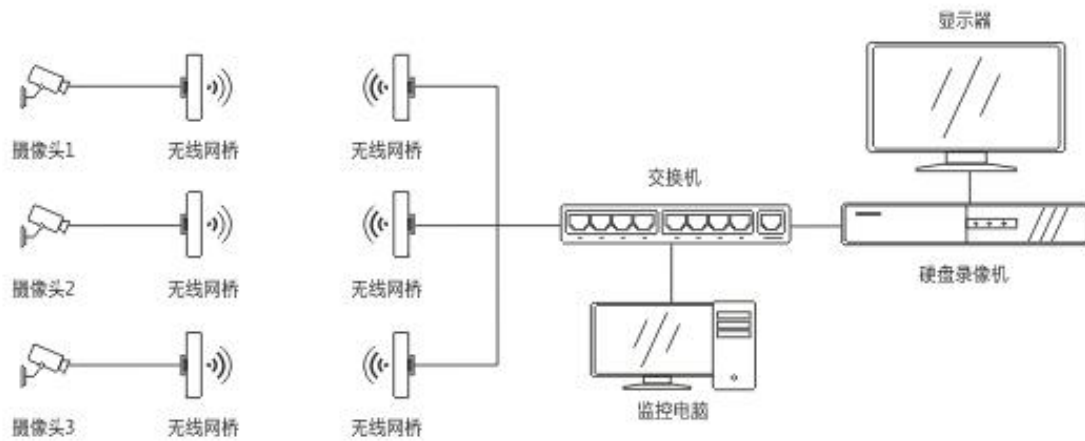
Product application

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Wireless monitoring transmission point-to-point application 1

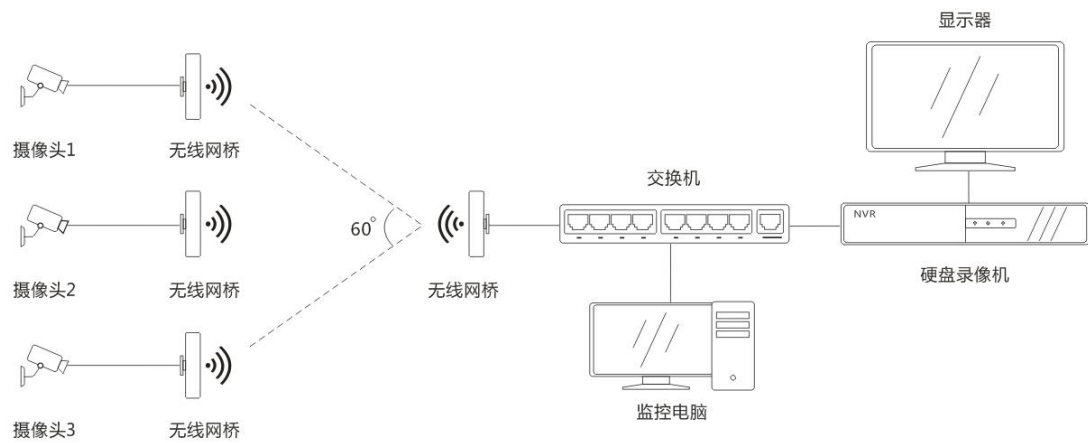


Two, wireless monitoring transmission point-to-point application 2

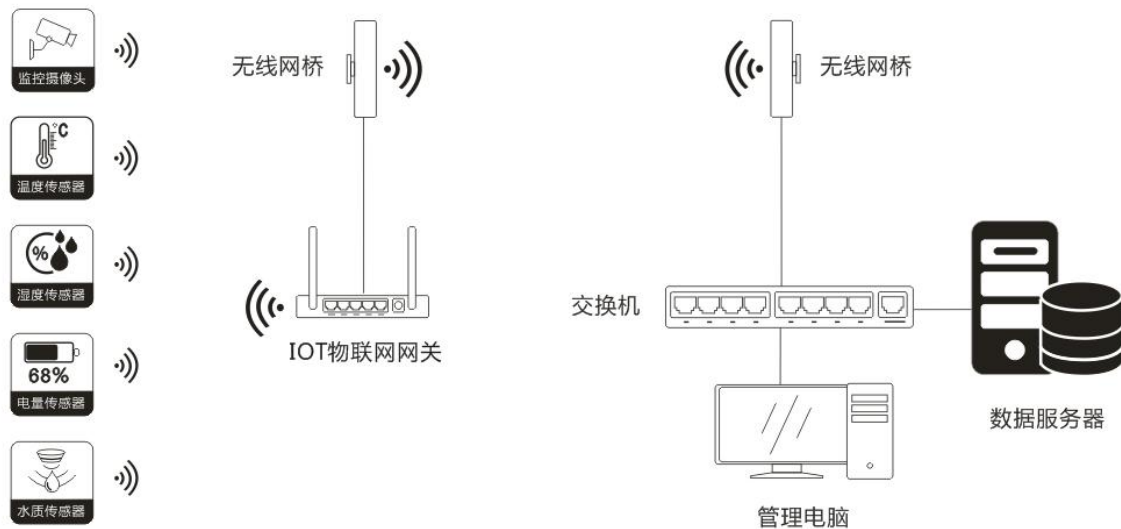


Third, wireless monitoring transmission point-to-multipoint application 3

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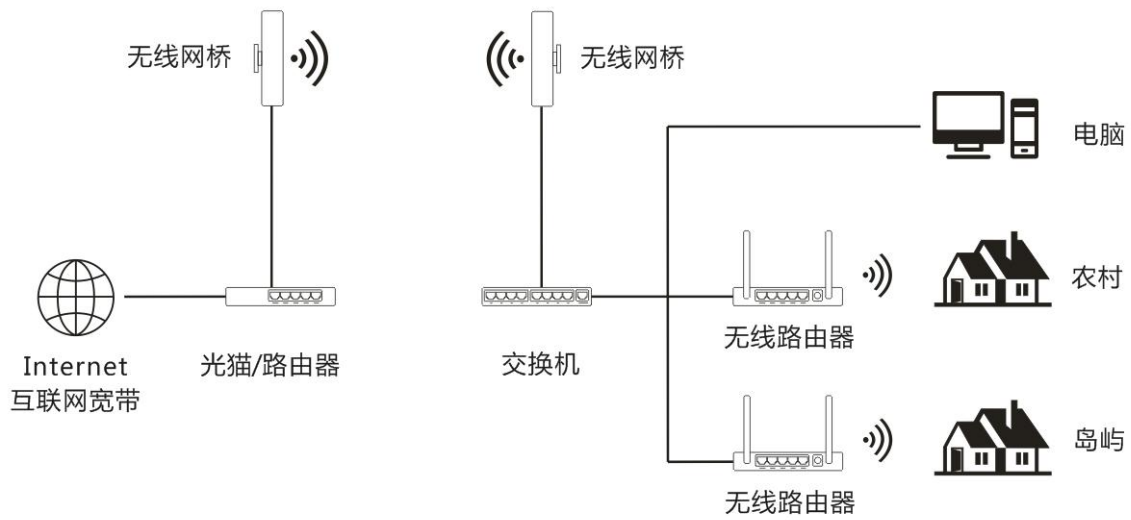


Fourth, Internet of Things data transmission application

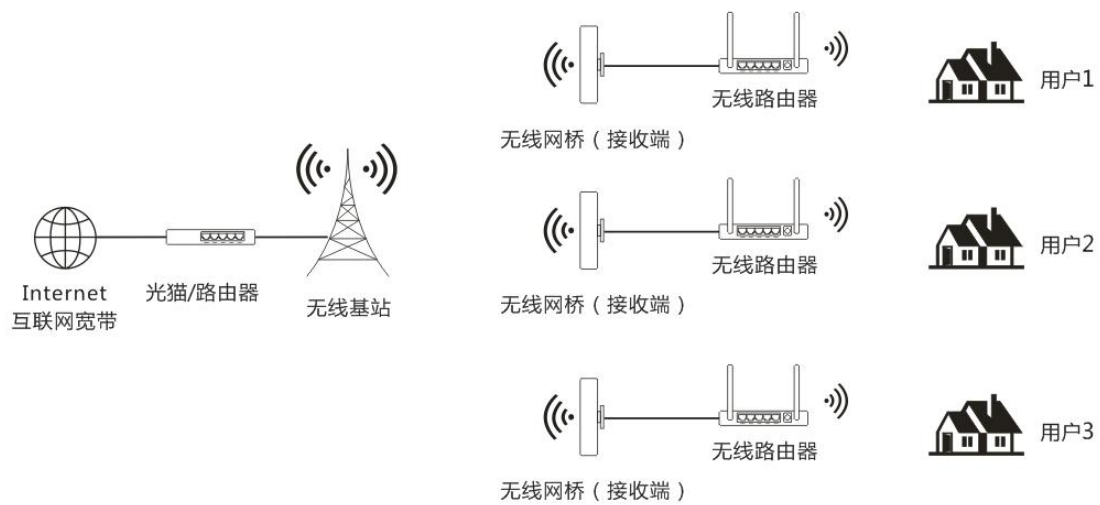


5. Internet wireless transmission application 1

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6. Internet wireless transmission Application 2



7. Internet coverage Application 3

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