

## Product characteristics

- Digital display, one-button pairing, automatic connection, no Settings, convenient and fast, without a mobile phone and computer can be completed;
- Support point-to-point, point-to-multi point bridging, flexible application, to meet the needs of different application scenarios;
- 5.8G band, support spread expansion, up to 900Mbps wireless transmission rate; s
- Strong anti-interference ability, not affected by the external environment, stable transmission;
- Using mediatek engineering grade chip, stable and reliable performance;
- Using high-power circuit design, built-in high-gain directional antenna, strong signal strength, longer transmission distance;
- 10 / 100Mbps, 10 / 100 / 1000Mbps adaptive Ethernet port (both support 24V PoE **(48V optional)** power supply);
- Support regular restart, reduce the system operation cache, optimize the system operation, so that the equipment runs for a long time;
- Support hidden bridge SSID wireless signal, avoid the wireless terminal to search the signal, avoid network transmission data from malicious attacks, to ensure the security of user data;

- Support 24V PoE **(48V optional)** , power supply and 12V DC power supply, plug and play, more flexible power access;
- Adopt outdoor rain protection design, IP65 protection grade, rain, dust, wind, sun protection, easy to adapt to various harsh outdoor environment, to ensure long-term stable operation of equipment;
- Olive appearance design, simple and generous, simple and convenient installation, can be wall mounted, can be fixed installation;
- It is suitable for the application scenarios of major outside households, such as: outdoor site monitoring, tower crane monitoring, scenic spot monitoring, elevator monitoring, factory monitoring, wharf monitoring, community monitoring, outdoor network transmission and other application scenarios.

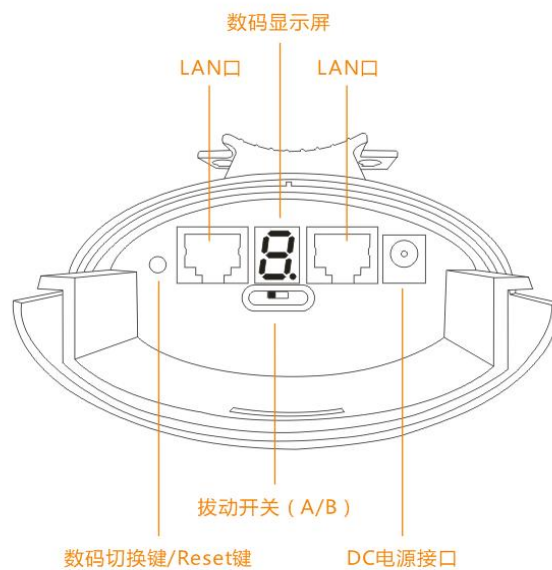
## size of product

product name	900M high-power long-distance digital wireless network bridge	
product model	WB610H	
<b>Hardware specifications</b>		
hardware system	The main chip	MT7620A+MT7612EN+IP1001C
	internal storage	64MB
	FLASH	8MB
Wireless parameters	protocol standard	Support for IEEE 802.11ac, while downward compatible with IEEE 802.11a/n
	Work frequency band	5.8GHz : 5180MHz ~5825MHz
	Wireless rate	866Mbps
	transmitting power	20dBm ± 2 dBm
Sss physical interface	network interface	110 / 100Mbps Ethernet port (support for 24V PoE <b>(48V optional)</b> power supply) 110 / 100 / 1000Mbps Ethernet port (24V PoE <b>(48V optional)</b> powered support)
	Hardware button	1 digital button / RESET button
	Power supply interface	1 DC power supply port, with support for 12V DC power supply
	Pull the switch	1 pull switch (A and B)
	Digital display	1 digital display screen (support 0~9~A~F 16 channel display)
Wireless type	Wireless type	Built-in 14dBi bipolarization directional antenna
pilot lamp	LED, pilot lamp	In the following order, POWER, WAN / LAN, WAN / LAN, 4 signal lights, WIFI
Power supply /	power supply mode	Support for DC12V 1A power supply and 24V PoE <b>(48V optional)</b>

power consumption		power supply
	The power of the machine	< 10W
Product accessories	main engine	900M high-power long-distance digital wireless network bridge * 1
	Power adapter	A 24-V 1A PoE power supply
	else	User manual * 1, network cable * 1, stainless steel hoop * 1
Appearance / packaging	Appearance color	white
	product size	250mm*90mm*60m (L*W*H)
	packing measurement	270mm * 98mm * 100m (L * W * H) (single set)
		316mm * 186mm * 70m (L * W * H) (a pair of assembly)
weight	1kg (single set)	
	2kg (one-pair-pack)	
else	Optimal power supply distance for PoE network cable	Within 65 meters (super class 5 class network cable or above)
	Bridge distance	0-5 km
	IPC, with machine	Route 15 road, no lag, no delay
	way to install	Holding pole installation, wall-mounted installation, bracket installation
	levels of protection	IP65,2KV lightning protection
<b>Software specifications</b>		
Bridge networking mode	Digital pairing	Support, digital display, one-click pairing, convenient / easy / fast
	Manually paired	Support (enabled under graphics power off)
	Point-to-point bridging	support
	Point-to-point bridging	support
network	work pattern	AP mode, WDS bridging mode, WDS repeater mode, AP-Client mode, AP-Client + AP mode
	LAN Settings	support
	WAN / LAN port flow control	support
	DHCP server	support
	Network traffic monitoring	support
Wireless settings	Wireless switch	support
	Wireless timing enabled	support
	SSID set up	support
	SSID hide	support
	Wireless security	Multiple encryption modes are supported
	Wireless mode	support

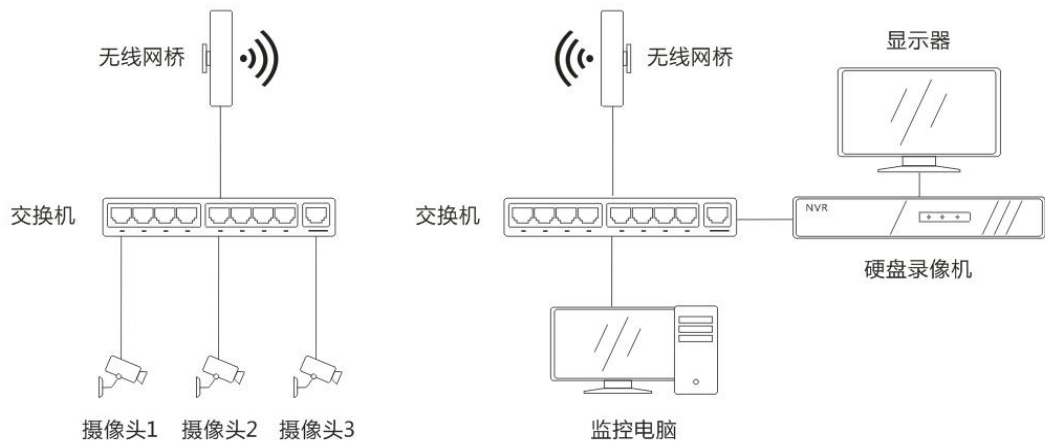
	setting	
	Frequency width setting	support
	Wireless channel settings	Support, scalable
	Wireless user isolation	support
	Wireless power regulation	support
	Visitor Network Settings	support
	access control	support
system management	Web interface management	support
	user management	support
	firmware upgrade	support

## interface specification

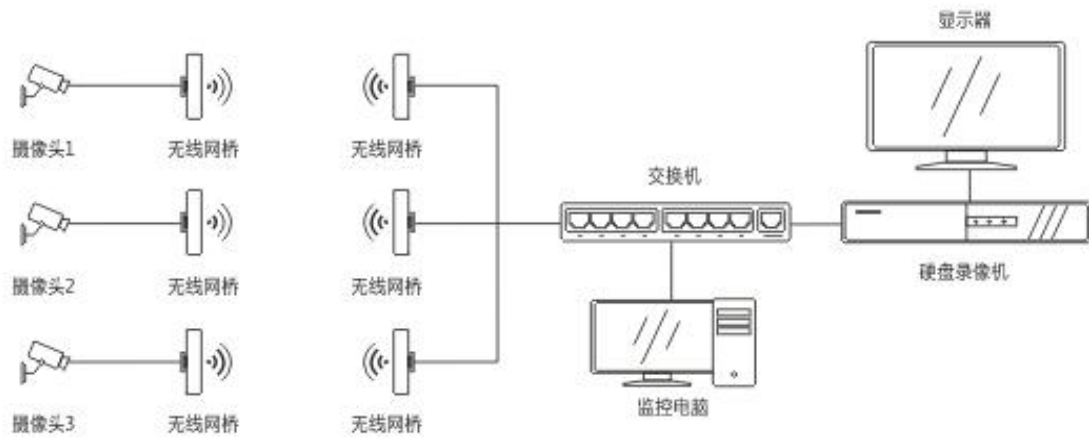


## Product application

### 1. Wireless monitoring of the transmission point-to-point application 1



## 2. Wireless monitoring of transmission of point-to-point applications 2



## 3. Wireless monitoring of transmission point to multi-point application 3

