



Product characteristics

- Adopt Qualcomm engineering chip, stable and reliable performance;
- Support point-to-point, point-to-multipoint bridge, flexible application, to meet the needs of different application scenarios;
- 5.8G band, stronger anti-interference ability, not affected by the external environment, more stable transmission,
- Support spread spectrum, can choose more channels, stagger interference frequency band, wireless transmission rate up to 300Mbps;
- Adopts high-power PA circuit design, up to 29 dBm transmission power, 26dBi double-polarized parabolic mesh antenna, strong signal strength, longer transmission distance, 0-15 km barrier-free and stable transmission;
- Support timed 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, plug and play, more flexible and convenient wiring;

5.8GHigh-power and long-distance fan-shaped wireless network bridge FF-W10

- 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;
- The appearance of professional wind design, strong wind resistance, simple and convenient installation, can be wall hanging, holding pole fixed installation;
- Suitable for major outdoor application scenarios, such as: outdoor site monitoring, power monitoring, scenic spot monitoring, factory monitoring, dock monitoring, community monitoring, outdoor network transmission and other application scenarios.

Product Specifications

Product name		5.8G high power long distance sector wireless bridge
Product Model		FF-W10
Hardware Specifications		
Hardware system	Main chip	AR9344
	Memory	DDR2 64MB
	FLASH	8MB
	PA	High Power PA
Wireless parameters	Protocol standards	IEEE 802.11a/n
	Operating frequency bands	5.8G: 5180MHz to 5825MHz
	Wireless rate	300Mbps
	Transmit power	27dBm $\pm$ 2 dBm
Physical interface	Network interface	1 10/100Mbps LAN/WAN RJ45 Ethernet port (24V PoE power supported)
	Hardware buttons	1 RESET button
Antenna type	Antenna type	26dBi double polarized parabolic mesh antenna
Indicator light	LED indicator	POWER, WAN/LAN, WIFI, 3 lights, in that order
Power/Power consumption	Power supply mode	24V PoE power supply
	Machine power	The < 8 w
Product accessories	Mainframe	5.8G High power long distance sector wireless bridge *1
	Antenna	A set of 5.8G parabolic antennas
	Fixed base	A set of fixed bases
	Power adapter	24V 0.5A PoE power supply

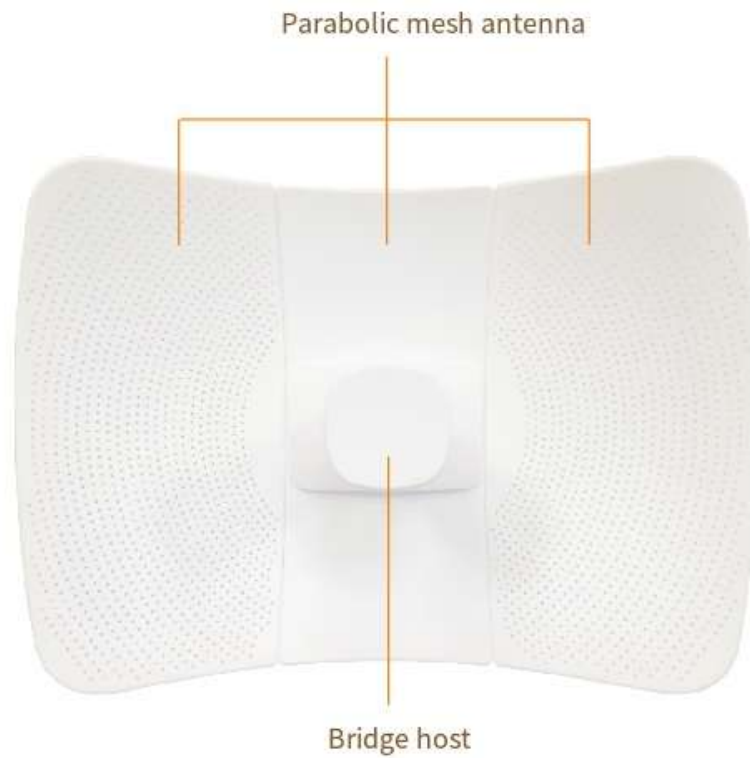
5.8GHigh-power and long-distance fan-shaped wireless network bridge FF-W10

	Other	Quick Installation Guide *1, Warranty card *1, Certificate *1, Stainless steel hoop *1
Appearance/Packaging	Appearance color	white.
	Product size	400mm*280mm*250m (L*W*H)
	Package size	315mm*200mm*165m (L*W*H)
	Weight	< 2 kg
Other	Optimal power distance for PoE cables	Within 65 meters (Super Category 5 cable or above)
	Bridging distance	0-15 km
	IPC with machine 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		
Network	Work mode	Wireless bridge, wireless router, Wireless AP, wireless terminal, wireless relay
	WAN port access mode	PPPoE dialing, dynamic acquisition, fixed IP
	MAC address binding	Support
	Uplink and downspeed display	Support
	LAN setup	Support
	DHCP Server	support
Wireless Settings	Wireless channel modification	Supported, support spread spectrum
	Bandwidth Settings	Support
	SSID Hiding	Support
	Wireless power regulation	Support
	User isolation	Support
	User Management	Support
	Multiple SSIDs	Support
	Encryption mode	WPA2-PSK
	Uplink and downlink rate display	Support

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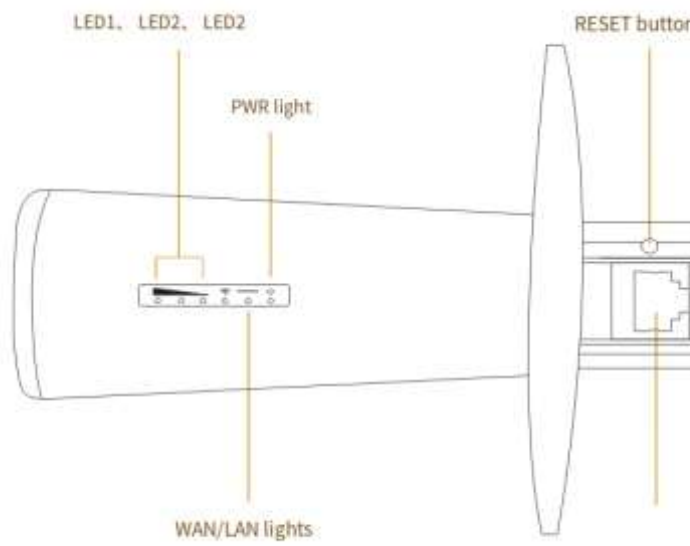
Systems administration	Web interface Configuration	Support
	System language	Chinese/English supported
	Manage password changes	Support
	Firmware upgrades	Support
	Firmware file import and export	Support

Product Description



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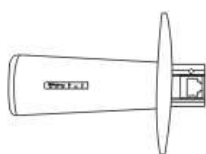
Product size



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Packing list

Name	Quantity	Units
Bridge host	1	Taiwan
Center reflector plate	1	a
Side reflector plate	2	a
Fixed base	1	a
Universal ball head	1	a
Universal ball nut	1	a
Waterproof cover for network port	1	a
Stainless steel hold hoop	1	a
24V PoE power supply	1	a
Wall mounted bottom plate	1	a
Screws	1	package
Quick installation Guide	1	Copy of the
Warranty card	1	Copy of the
Certificate of conformity	1	Copy of the



Bridge host *1



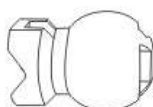
Center reflector *1



Side reflectors *2



Fixed base *1



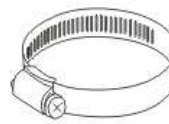
Universal ball head *1



Universal ball nut *1



Waterproof network port cover *1



Hold hoop *1



Wall mounted bottom plate *1



PoE Power supply *1



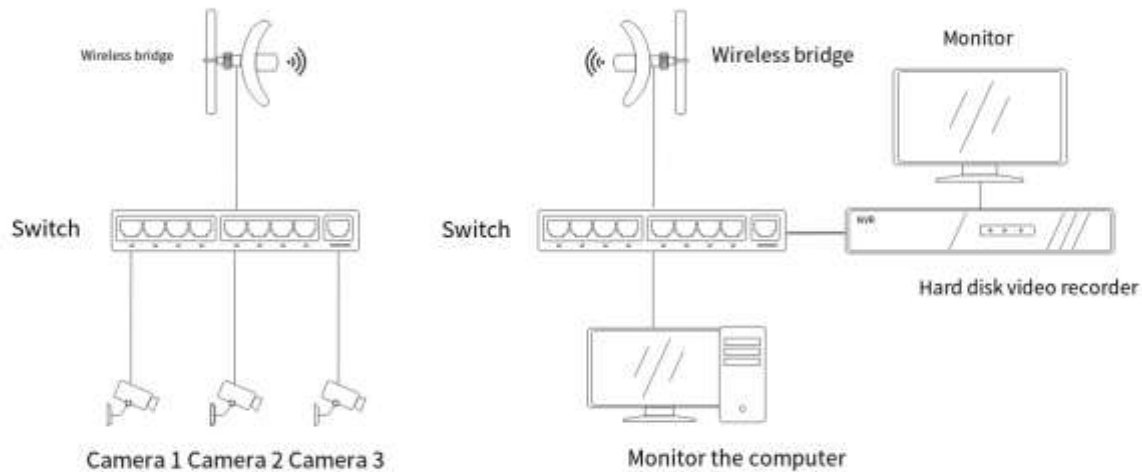
Screws *1 pack



Quick installation guide *1

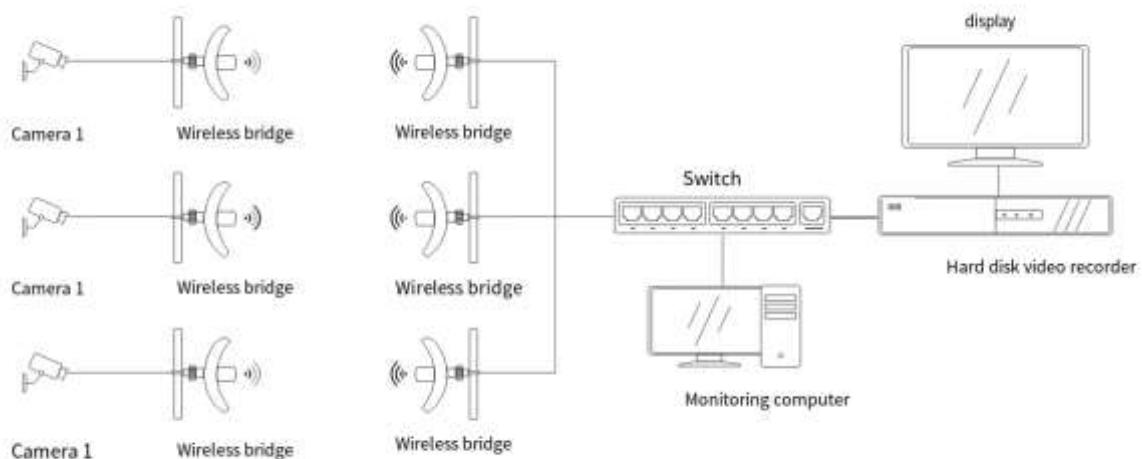
Product application

1, wireless monitoring transmission point-to-point application 1



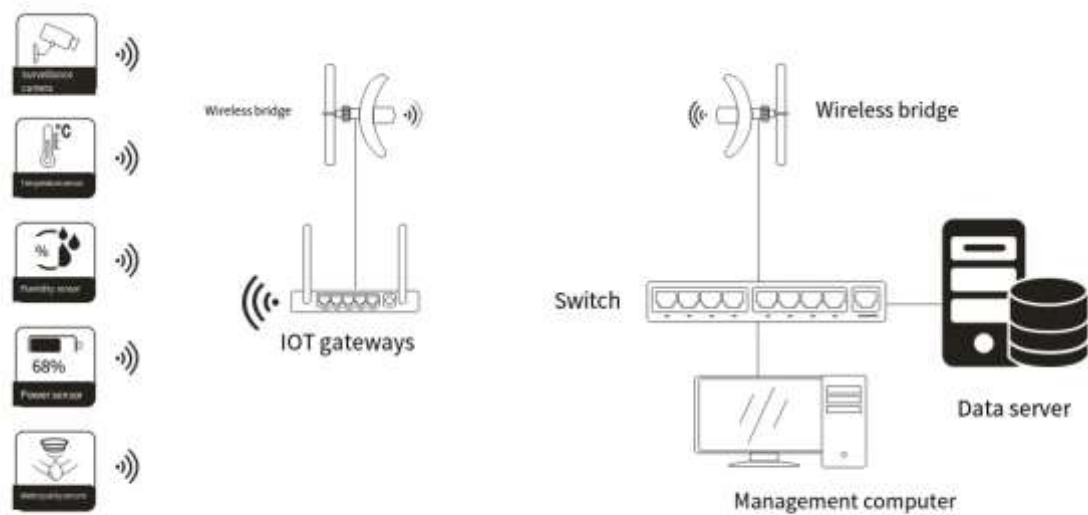
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Two, wireless monitoring transmission point-to-point application 2

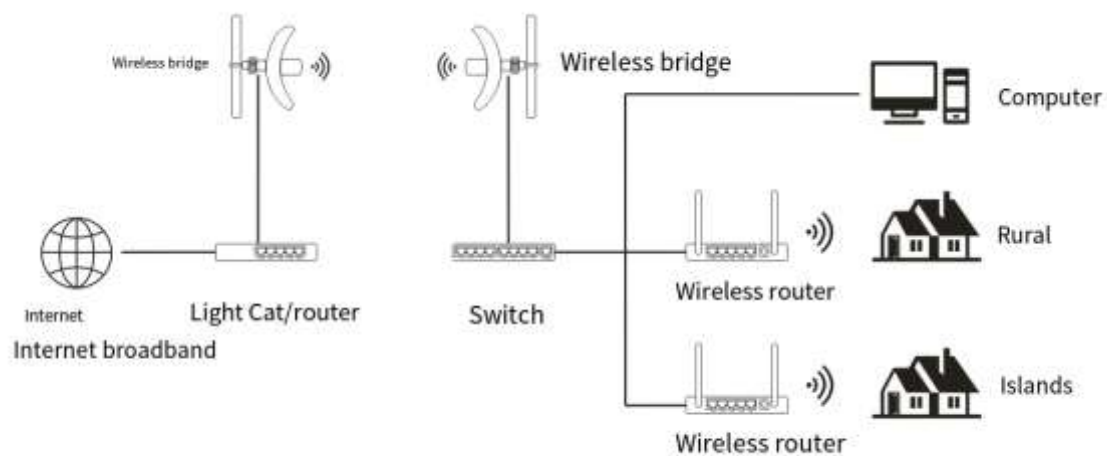


Third, Internet of Things data transmission application

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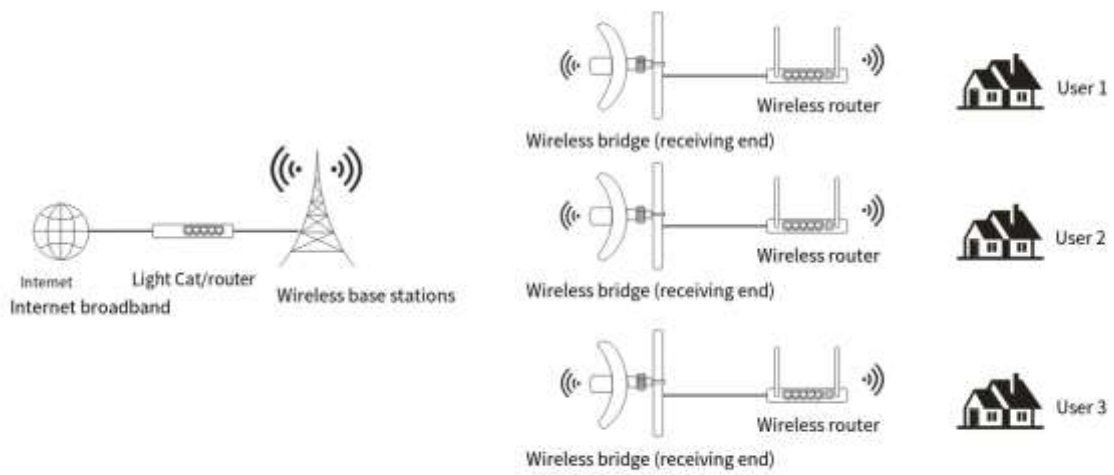


4. Internet wireless transmission application 1



5. Internet wireless transmission Application 2

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