

900M High-Power Long-Range Digital Wireless Bridge



Product Features

- Digital Display & One-Key Pairing: Quick and easy automatic connection, no setup or phone/computer required.
- Flexible Topology: Supports point-to-point and point-to-multipoint bridging for various applications.
- High Speed: Operates in the 5.8GHz band, supports spread spectrum, with up to 900Mbps wireless transmission rate.
- Strong Anti-Interference: Stable transmission unaffected by external environments.
- High Performance Chipset: Uses Qualcomm industrial-grade chipset for reliability.
- High-Power Design: Built-in high-gain directional antenna for extended signal range and strength.
- Dual Gigabit Ports: 2 x 10/100/1000Mbps adaptive Ethernet ports (both support 24V PoE).
- Scheduled Reboot: Reduces cache buildup, optimizes system for long-term stable operation.
- Hidden SSID Support: Enhances network security by preventing detection of the bridge signal.
- Dual Power Options: Supports 24V PoE and 12V DC input, flexible deployment.

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- Outdoor-Ready: IP65-rated waterproof and dustproof design, suitable for harsh environments.
- Simple Installation: Clean and practical appearance; wall or pole mountable.
- Wide Application Scenarios: Ideal for construction site monitoring, crane monitoring, scenic area surveillance, elevator monitoring, factory yards, docks, residential communities, and outdoor networking.

Product Specifications

Product Name	900M High-Power Long-Range Digital Wireless Bridge	
Model	GS-MS10	
Hardware Specifications		
Hardware	Main Chipset	QCA9563+QCA8337N+QCA9886
	Memory	64MB
	FLASH	8MB
Wireless Parameters	Standards	IEEE 802.11ac, backward compatible with 802.11a/an
	Frequency Band	5.8GHz: 5180MHz ~5825MHz
	Wireless Speed	867Mbps
	Max TX Power	23dBm max
	5GHz EVM	802.11a_54M: ≤-25 dB 802.11n_MCS7: ≤-28 dB 802.11ac_MCS9:≤-32dB
	Frequency Offset（ppm）	±20ppm
	Receiver Sensitivity	-92dBm
Interfaces	Network Ports	2 x Gigabit Ethernet (support 24V PoE)
	Buttons	1 x Multi-function Digital Display / Reset Button
	Power Input	1 x 12V DC Input
	Toggle Switch	Switch between AP (A-end) and Client (B-end)
	Digital Display	Shows 0~9~A~F 16 channels
Antenna	Antenna	Built-in 14dBi dual-polarized directional antenna
Indicators	AP LED status indicator	Supported
	Status Indicator Light	PWR, LAN, LAN, SYS, LINK
Power&Consumption	Input	12V / 1A DC or 24V / 1A PoE
	MaxPowerConsumption	< 8W
Packagin&Specifications	Color	White
	Size	258mm*88mm*56m（L*W*H）
	Weight	≤350g
	Package	Pack of Two

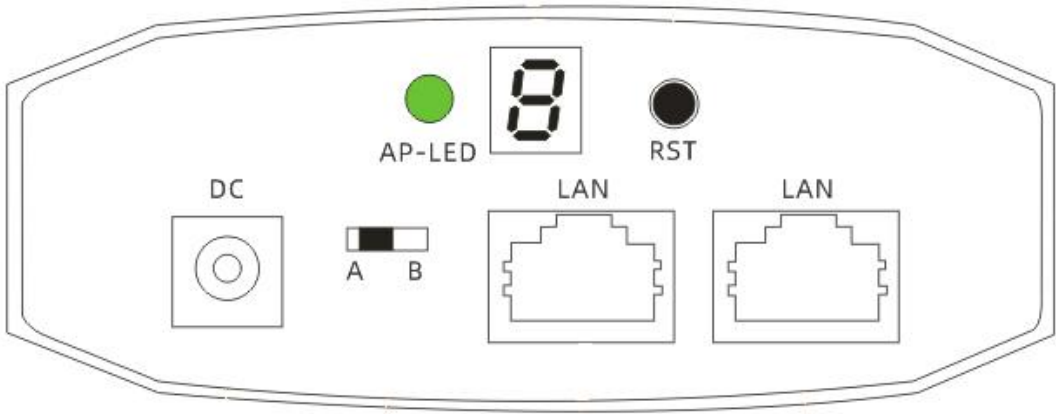
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	Package Size	274mm*235mm*74mm (L*W*H) (Pack of Two)
	Package Weight	≤1.12kg
	Carton Size	570*386*492cm (L*W*H)
	Quantity/Carton	20pcs/units
	Included Accessories	2*900M High-Power Long-Range Digital Wireless Bridges
		2*24V/1A Gigabit PoE Adapters
		2*Stainless Steel Mounting Straps
		1*User Manual
		1*Certificate of Conformance
Additional Specs	Optimal PoE Cable Length	≤65m (Cat5e or above)
	Bridging Distance	0–5km
	IP Camera Support	Up to 15 line, no lag or delay
	Mounting Options	Pole mount, wall mount, or bracket
	Operating Environment	Operating Temp:-30° C to 55° C Storage Temp: -40° C to 70° C; Humidity: 5%–95% RH (non-condensing)
	Ingress Protection	IP65
	Surge Protection	2KV
Software Features		
Operation Modes	General Mode	AP, Client, Repeater (manual pairing, no digital display)
	Digital Display Mode	One-key auto pairing, no need for web interface
Bridging Mode	Digital Pairing	Supports digital display and one-key pairing for convenient, simple, and fast operation
	Manual Pairing	Supported
	Point-to-Point	Supported
	Point-to-Multipoint	Supported
Networking	Operating Modes	Wireless Bridging, AP Mode, Client Mode, Repeater Mode
	LAN config	Supported
	DHCP server	Supported
	Wireless Network Status Display	Supported
Wireless Settings	SSID change	Supported
	SSID Hide	Supported
	Encryption Types	WPA-PSK, WPA2-PSK
	Bandwidth Settings	Supported
	Channel Modification	Supported, with Spread Spectrum
	Wireless User Isolation	Supported
	Transmit Power Control	Supported
	Multi-SSID	Supported
	TDMA	Supported

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System Management	Web UI	Chinese/English
	Software Dongle	Supported
	Scheduled reboot	Supported
	User management	Supported
	Firmware upgrade	Supported

Interface Specifications



Product Dimensions

