Product Datasheet

WQ300M2401

2.4GHz 300M outdoor 1KM remote distance transmission network bridge

1、PRODUCT OVERVIEW AND FEATURES

Product overview：

WQ300M2401 is an outdoor wireless network bridge designed for video surveillance in elevators, hanging towers, communities, learning, factories, orchards, breeding plants, planting greenhouses, scenic spots and other scenes; the equipment works in the 2.4GHz frequency band and can provide up to 300Mbps wireless data According to the transmission rate; Built-in 8dBi high-gain directional antenna, stronger signal penetration, outdoor point-to-point bridging distance up to 1000 meters; Pole wall-mounted compatible design, can be directly installed on walls or poles, beautiful and elegant; It can work in various outdoor environments such as wind, rain, snow and so on.

Product features：

★ 2.4GHz: Wireless rate of 300Mbps

★ The 8 dBi high-gain directional antenna is used

★ Protection grade IP65 is waterproof and dustproof

★ Two optional power supply modes: network port supports POE input 24V, and DC interface supports input 12V

2、 TECHNICAL SPECIFICATION

Hardware specifications	
CPU	MT7628
Memory	Flash：2MB ; DDR：8MB
Cable standard	IEEE802.3, IEEE802.3u
Ethernet interface	10/100Mbps LAN port*2
Antenna	Built-in 8 dBi directional antenna
Button	Reset Button *1
Power supply mode	POE 24V or DC 12V
Panel indicator light	LED*4(POWER、LAN、SIG1、SIG2(signal intensity))
Software specifications	
Work pattern	Main network bridge end (AP mode) Subnet bridge end (Client mode) Subnet bridge end (AP + Client mode)
Wireless settings	Basic Settings: wireless name, encryption mode, wireless password, wireless mode Advanced Settings: BG protection mode, and Wi-Fi Multimedia (WMM)

	is disabled	
Network settings	LAN set up	
	DHCP server settings	
system management	Administrator Settings	
	Firmware upgrade	
	System configuration	
	Language setting	
	Automatic system cleaning	

Wireless specifications		
Wireless standards	IEEE 802.11b/g/n	
Wireless rate	300Mbps	
Wireless power	20dBm	
Wireless reception sensitivity	-89dBm	
Wireless band	2.4GHz	

Other specifications		
application	Operating temperature: -10℃ ~55℃	

environment

  Working humidity: 10% ~ 90% RH has no condensation

  Storage temperature: -40℃ ~80℃

  Storage humidity: 5% ~ 90% RH without condensation
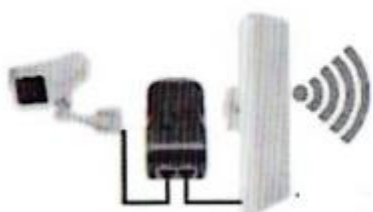
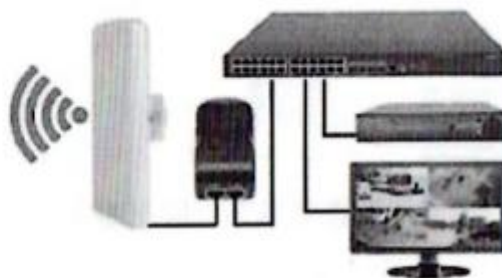| Dimension	153*78*50mm
Net /Gross Weight	<0.16kg*2 / <0.42kg
Install	Hold the pole, wall hanging

3、APPLICATION

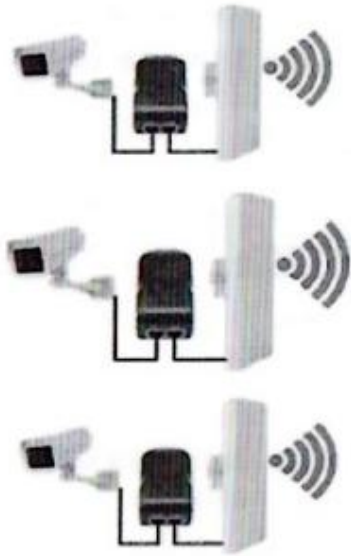1、A Schematic diagram of the point-to-point connection：

Bridge connects to the POE port of
the power supply
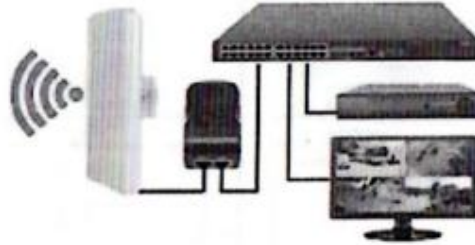
Camera connects to the LAN port of
the power supply

Bridge connects to the POE port of
the power supply,the LAN port of the
power supply connects to the Switch or NVR

2、Schematic of point-to-multiple connections：

Launch angle 60°

Bridge connects to the POE port of
the power supply,the LAN port of the
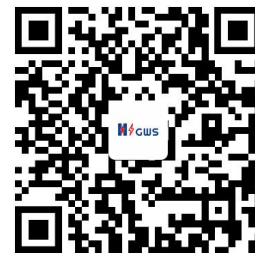power supply connects to the Switch or NVR

Bridge connects to the POE port of the power supply
Camera connects to the LAN port of the power supply

4、 CONTACT US

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