

Datasheet | UBG3102-300, UBG3102-900, UBG3102-900H, UBG3302-900H
2.4G 300Mbps/5.8G 900Mbps Outdoor CPE
5.8G 900Mbps Long Range Outdoor CPE

Overview

The Outdoor CPE is designed to solutions for video surveillance transmission and wireless broadband access. It features with high Gain directional antenna to provide an efficient way to pick up and maintain a stable long range connection. Get rid of the transmission distance limitation and disadvantage of wired cables.

Features and Highlights

High Gain antenna & Long distance transmission

- UBG3102-300: 8dBi Gain 2*2MIMO antenna, up to 1.5km transmission range
- UBG3102-900: 12dBi Gain 2*2MIMO antenna, up to 2km transmission range
- UBG3102-900H: 14dBi Gain 2*2MIMO antenna, up to 4km transmission range
- UBG3302-900H: 15dBi Gain 2*2MIMO antenna, up to 6km transmission range

Professional Outdoor Design

- Working temperature:-30~55°C
- IP65
- 6kV ESD protection

Easy-to-use

- One-Key to pair
- WEB management
- AC management



Specifications

Items	UBG3102-300	UBG3102-900
Hardware Specifications		
Ethernet Port	1*10/100Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X)	1*10/100Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X)
	1*10/100Base-T RJ-45 LAN(Auto-MDI/MDI-X)	1*10/100Base-T RJ-45 LAN(Auto-MDI/MDI-X)
Power Method	PoE: 24V, 0.5A	PoE: 24V, 0.5A
Frequency Range	2.412 GHz ~ 2.484GHz	5.150GHz ~ 5.850GHz
Compliant Standards	IEEE 802.11b/g/n	IEEE 802.11a/n/ac
Antenna Gain	8dBi	12dBi
Maximum Wireless Rate	300Mbps	867Mbps
Flash	8MB	8MB
RAM	64MB	64MB
LED Indicator	1*System working indicator	1*System working indicator
	1*Wi-Fi state indicator	1*Wi-Fi state indicator
	1*WAN port state indicator	1*WAN port state indicator
	1*LAN port state indicator	1*LAN port state indicator
Init Button	Short press to pair Long press >10s to initialize the system	Long press >10s to initialize the system
Cable	Cat5 or better	
Dimensions (L*W*H)	168mm*88mm*57.6mm	168mm*88mm*47.6mm
Power Consumption	≤5W	≤8W
Reliability		
ESD	6kV	
Surge	2kV	
Protection	IP65	
Operating	-30°C~55°C, 5%~95% (Non-condensation)	
Storage	-40°C~70°C, 5%~95% (Non-condensation)	

Specifications

Items	UBG3102-900H	UBG3302-900H
Hardware Specifications		
Ethernet Port	1*10/100Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X)	1*10/100/1000Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X)
	1*10/100Base-T RJ-45 LAN(Auto-MDI/MDI-X)	1*10/100/1000Base-T RJ-45 LAN(Auto-MDI/MDI-X)
Power Method	PoE: 24V, 0.5A DC: 12V, 1A	PoE: 24V, 0.5A or 48V, 0.5A DC: 12V, 1A
Frequency Range	5.150GHz ~ 5.850GHz	5.150GHz ~ 5.850GHz
Compliant Standards	IEEE 802.11a/n/ac	IEEE 802.11a/n/ac
Antenna Gain	14dBi	15dBi
Maximum Wireless Rate	867Mbps	867Mbps
Flash	8MB	8MB
RAM	64MB	128MB
LED Indicator	1*Power supply indicator	1*System working indicator
	1*Wi-Fi state indicator	1*Wi-Fi state indicator
	1*WAN port state indicator	1*WAN port state indicator
	1*LAN port state indicator	1*LAN port state indicator
	4*Signal strength indicator	4*Signal strength indicator
Init Button	Short press to pair	Long press >10s to initialize the system
	Long press >10s to initialize the system	
Cable	Cat5 or better	
Dimensions (L*W*H)	237mm*79.1mm*56.1mm	260mm*85mm*45mm
Power Consumption	≤8W	≤15W
Reliability		
ESD	6kV	
Surge	2kV	
Protection	IP65	
Operating	-30°C~55°C, 5%~95% (Non-condensation)	
Storage	-40°C~70°C, 5%~95% (Non-condensation)	

Software Architecture

Items	
Operating mode	AP mode, Repeater mode
Wi-Fi	SSID number: 4
	Support SSID hidden
	Support Wireless Security: OPEN, WPA, WPA2, WPA-PSK, WPA2-PSK
	Support MAC address filter
	Support Wi-Fi Schedule
	Support wireless client isolation
	Support transmission power setting
	Support wireless access number control
Network	Support VLAN
	Support DHCP server
System Management	Support system settings backup & restore
	Support system reboot & schedule reboot
	Support web upgrading
	Support history record, journal management

More Information

For more information, please visit:

www.utepo.net

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