Wireless LANs

Empowering Mobility & Security

PLANET
Networking & Communication

PLANET Wireless LAN Management Solution

PLANET Wireless LAN Management Solution offers multiple ways of central AP management with Hardware AP Controller, Software AP Controller and Firmware AP Controller. The solution enables you to control more than 1000 APs in different indoor or outdoor locations at the same time. Featuring the friendly floor plan, dashboard and graphical statistic functions through one single browser-based web user interface, the administrator can easily discover, configure, update and monitor all the managed APs.

Dashboard

Watch Over Wireless APs within Minutes

Provides a web-based dashboard with graphical data analysis for your wireless APs network

Google Map

Optimizing Wi-Fi Deployment with Google Map

Optimizes signal coverage to enhance network performance

NMS DDNS

Centralized Wireless LAN Management via UNI-NMS

Controls wireless APs via PLANET's Universal Network Management System or DDNS cloud portal

AP Provision

Easy to Manage Multiple Access Points

User-friendly Web GUI and step-by-step guidance for easy management

Indoor Managed Access Points

TAIWAN EXCELLENCE 2019

TAIWAN EXCELLENCE 2019

Wireless AP Controllers

Outdoor Managed Access Points

Wireless LAN Controllers Solution

	Hardware AP Controller	Software AP Controller	AP Controller PoE Router	Wireless Switch with PoE		UTM AP Controller	Firmware AP Controller
Model No./System Name	WAPC-500/ WAPC-1000	SAPC	WGR-500-4P/ WGR-500-4PV	WS-2864PVR	WS-1232P	CS-950	NMS (Network Management System)
Product Image							
Max. number of APs supported	512/1024	256	20	64	64	50	1 to 5 (the same model required)
AP Control related features							
AP Discovery	●	●	●	●	●	-	●
AP Control, Cluster Management	●	●	●	●	●	●	●
AP Status Monitoring	●	●	●	●	●	-	●
Real-time Graphical Statistics	●	●	●	●	●	-	-
SSID/RF Profile Creation	●	●	●	●	●	-	●
Profile Backup/Restore	●	●	●	-	-	-	-
Bulk AP Provisioning/Delivery	●	●	●	●	●	●	●
Bulk AP Firmware Upgrade	●	●	●	●	●	-	●
Floor Map	●	●	●	●	●	-	●
Google Map	●*1	●*1	●*1	●*1	●*1	-	-
Topology View	●*1	●*1	●*1	●*1	●*1	-	-
Rogue AP Detection	●*1	●*1	●*1	●*1	●*1	-	-
Built-in DHCP Server	●	-	●	●	●	●	-
Auto IP Assignment (DHCP server)	●	●*2	●	●	●	-	●
L2 Roaming	●	●	●	●	●	-	-
L3 Routing	-	-	●	IPv4/IPv6 Static routing,OSFPv2		●	-
PoE Schedule, Alive Check	-	-	●	●	●	-	-
SSIDs-to-VLANs mapping	●	●	●	●	●	●	●
802.1X RADIUS Authentication	●	●*3	●*3	●*3	●*3	-	●
Captive Portal	●*1	●*1	●*1	●*1	●*1	●	-
MAC Access Control (Black list)	●*1	●*1	●*1	●*1	●*1	●	●
User Account Management	●	●*1	●*1	●*1	●*1	●	●
Supported AP Models	**Outdoor:** WDAP-702AC WDAP-802AC WAP-200N WAP-252N WAP-500N WAP-552N WBS-200N WBS-500N WBS-502AC WBS-202N WBS-502N		**Indoor:** WDAP-C7200E WNAP-C3220E WNAP-W2200UE WDAP-C7200AC WDAP-W7200AC WNAP-C3220A WNAP-W2201A			**Outdoor:** WDAP-702AC WBS-200N WAP-200N	WDAP-C1750 WDAP-1750AC

*1. Future supported through firmware/patch upgrade
*2. DHCP server is required
*3. External RADIUS Server is required

Indoor Managed AP Series

		Indoor 11ac Dual Band APs		Indoor 11n 2.4G APs	
Model		WDAP-1750AC	WDAP-C7200E	WNAP-C3220E	WNAP-W2200UE
Product Image		500mW	500mW		USB Charger
Wireless	Standard	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11b/g/n	802.11b/g/n
	Max. Data Rate	450+1300Mbps	300+867Mbps	300Mbps	300Mbps
	MIMO System	3T3R	2T2R	2T2R	2T2R
	Antenna/Connector	2dBi x3	5dBi x2	5dBi x2	2dBi x2
	Max. TX Power	FCC: < 27.5dBm ETSI: EIRP < 20dBm	FCC : < 27dBm ETSI : EIRP < 20dBm	FCC : < 23dBm ETSI : EIRP < 20dBm	EIRP < 20dBm
Hardware	Network Interface	2 x 10/100/1000BASE-T (LAN2 PoE Out)	2 x 10/100/1000BASE-T	1 x 10/100BASE-TX	2 x 10/100BASE-TX
	USB	-	-	-	1 x USB 2.0 charger
	PoE	802.3at PoE+	802.3at PoE+	802.3af/at PoE	802.3af/at PoE
	Power Requirements	12V DC, 4A or 802.3at PoE+	12V DC, 1.5A or 802.3at PoE+	48V 802.3af PoE	48V 802.3af PoE
Operating Mode	Access Point	●	●	●	●
	Client Bridge	-	-	-	-
	WDS Bridge	●	-	-	-
	Repeater	●	-	-	-
	Universal Repeater	-	●	●	●
	WISP	-	●	●	-
Security	WEP	64-/128-bit	64-/128-bit	64-/128-bit	64-/128-bit
	WPA/WPA2	●	●	●	●
	802.1X	●	●	●	●
	WPS	●	-	-	-
Advanced	Multiple SSIDs	16 per radio	4	4	4
	802.1Q VLAN	●	●	●	●
	AP Isolation	●	●	●	●
	Max. Wireless Clients	50+50 (2.4G+5G)	50+50 (2.4G+5G)	30	20
	WMM	●	●	●	●
	MAC Filtering	●	●	●	●
	Guest Network	-	-	-	-
	IPv6	-	-	-	-
	SNMP	●	●	●	●
	L2 Roaming	-	-	-	-
	Smart Discovery	●	●	●	●
Environment	Operating Temperature	0 ~ 50 degrees C	0 ~ 55 degrees C	0 ~ 40 degrees C	0 ~ 40 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)		10 ~ 90% (non-condensing)	
Management	Applicable Controllers	Firmware NMS System	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR	

Wireless Presentation Gateways

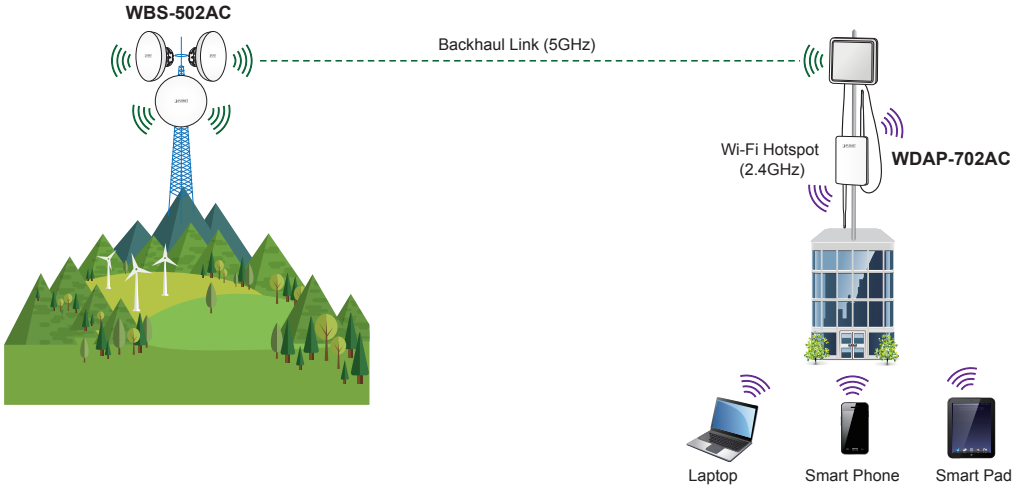
		Wireless Presentation Gateways	
Model		WIPG-300H	
Product Image			
		1080P	
Wireless	Standard	802.11a/b/g/n	
	Max. Data Rate	300Mbps	
	Operation Mode	AP, Universal Repeater	
	Antenna	2dBi x2	
Hardware	Video/Audio Interface	HDMI: 1.4b Video: VGA Port (D-Sub 15-Pin female) Audio Out: 3.5mm stereo jack	
	Network Interface	1 x 10/100BASE-TX RJ45	
	Power Requirements	5V DC, 2.6A	
	USB	3 x USB 2.0 (Rear USB: for UoIP)	
Security	WEP	64-/128-bit	
	WPA/WPA2	●	
Resolution	HDMI Interface	720p(1280x720)/1080i(1920x1080)/1080p(1920x1080)	
	VGA Interface	SVGA(800x600)/XGA(1024x768)/WXGA(1280x768)/ WXGA(1280x800)/WXGA(1360x768)/WXGA+(1440x900)/ UXGA(1600x1200)	
Advanced	UoIP (USB Over IP)	●	
	Max. Wireless Clients	64 (Suggested 15)	
	MirrorOp Sender	Windows	Mac
	4-to-1 Projection	●	●
	Audio Projection	●	●*1
	Document/Photo/Video Projection	●	●
	Virtual Extended Desktop	●	●
	Conference Control/User List	●	●
	Gatekeeper	●	●
	Webslides	●	●
	Compatibility	Windows 7/8/10	Mac OS X 10.9 and above
	MirrorOp Presenter	Android	iOS
	4-to-1 Split Screen	●	●
	Document/Photo/Video Projection	●	●
	SidePad*2	●	●
	Compatibility	Android 4.1 and above	iOS 8.0 and above

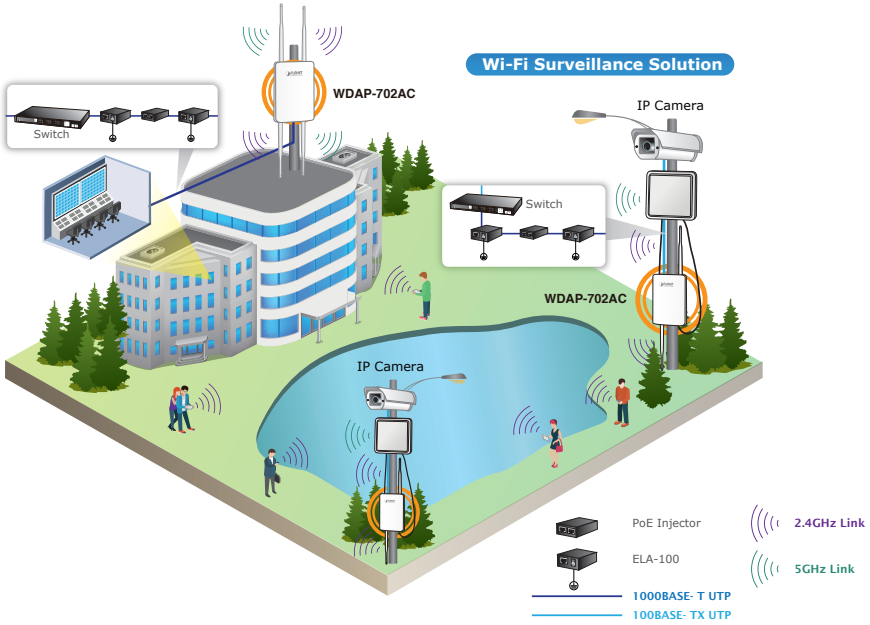
*1. Extra utility required
*2. MirrorOp Receiver is required

Outdoor Wi-Fi Networking

Outdoor Wi-Fi LAN Solution

PLANET outdoor Wi-Fi LAN solution designed for campuses, residences, business buildings, and more features point-to-point and point-to-multipoint wireless networking. It is suitable for wide-ranging connectivities.





Dual Band Outdoor Wireless Access Points

		11ac Dual Band APs		11n Dual Band AP
Model		WDAP-802AC	WDAP-702AC	WDAP-8350
Product Image		IP68	11ac Wave2	IP66
Outdoor IP Level		IP68	IP55	IP66
Wireless	Standard	802.11a/b/g/n/ac/i	802.11a/b/g/n/ac	802.11a/b/g/n
	Max. Data Rate	300+867Mbps	400+867Mbps	300+300Mbps
	Antenna/Connector	4 x N-Type (F)	4 x RP-SMA (F) 5dBi omni antennas included	4 x N-Type (F)
	Max. Range	Depends on antenna	Up to 2 km with 5dBi omni	Depends on antenna
	Max. TX Power	FCC : < 25dBm ETSI : EIRP < 20dBm	FCC : < 26dBm ETSI : EIRP < 20dBm	FCC : < 27dBm ETSI : EIRP < 20dBm
Hardware	Network Interface	1 x 10/100/1000BASE-T	2 x 10/100/1000BASE-T	1 x 10/100/1000BASE-T
	PoE	802.3at PoE+	24V Passive PoE	802.3at PoE+
Operating Mode	Access Point	●	●	●
	Client Bridge	-	●	-
	WDS Bridge	●	●	●
	Repeater	-	-	-
	Universal Repeater	●	-	-
	WISP	●	-	-
Security	WEP	64-/128-bit	64-/128-/152-bit	64-/128-bit
	WPA/WPA2	●	●	●
	802.1X	●	●	●
WAN Type (In WISP Mode)	Dynamic IP	●	-	-
	Static IP	●	-	-
	PPPoE/PPTP/L2TP	●/ - / -	-	-
Advanced	Multiple SSIDs	4+4 (2.4G+5G)	8+8 (2.4G+5G)	16+16 (2.4G+5G)
	802.1Q VLAN	●	●	●
	AP Isolation	●	●	●
	Max. WDS Peers	4	8+8 (2.4G+5G)	16+16 (2.4G+5G)
	Max. Wireless Clients	50+50 (2.4G+5G)	50+50 (2.4G+5G)	50+50 (2.4G+5G)
	WMM	●	●	●
	MAC Filtering	●	●	-
	Firewall	●	-	-
	VPN Pass-through	●	●	-
	Guest Network	-	●	-
	IPv6	-	●	●
	SNMP	●	●	-
	L2 Roaming	-	802.11k/r fast roaming	-
	Smart Discovery	●	●	●
Environment	Operating Temperature	-40 ~ 70 degrees C	-20 ~ 70 degrees C	-40 ~ 70 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)	10 ~ 95% (non-condensing)
Management	Applicable Controllers	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR/CS-950	-

2.4GHz Outdoor Wireless Access Points

		11n 2.4G APs/CPE		
Model		WAP-252N	WBS-202N	WBS-200N
Product Image		IP67	14dBi	8dBi
Outdoor IP Level		IP67	IP55	IP55
Wireless	Standard	802.11b/g/n	802.11b/g/n	802.11b/g/n
	Max. Data Rate	300Mbps	300Mbps	300Mbps
	Antenna/Connector	2 x N-Type (F)	14dBi dual-polarity directional antenna	8dBi dual-polarity FP
	Max. Range	Depends on antenna	Up to 10 km with 14dBi dual-polarity antenna	Up to 5km
	Max. TX Power	FCC : 29dBm ETSI : EIRP < 20dBm	FCC : 29dBm ETSI : EIRP < 20dBm	FCC : 29dBm ETSI : EIRP < 20dBm
Hardware	Network Interface	1 x 10/100BASE-TX	1 x 10/100BASE-TX	2 x 10/100BASE-TX
	PoE	802.3af/at PoE	802.3af/at PoE	24V Passive PoE
Operating Mode	Access Point	●	●	●
	Client Bridge	-	-	●
	WDS Bridge	●	●	●
	Repeater	-	●	●
	Universal Repeater	●	-	-
	WISP	●	●	●
Security	WEP	64-/128-bit	-	64-/128-/152-bit
	WPA/WPA2	●	●	●
	802.1X	●	●	●
WAN Type (In WISP Mode)	Dynamic IP	●	●	●
	Static IP	●	●	●
	PPPoE/PPTP/L2TP	●/ - / -	●/ - / -	●/●/ -
Advanced	Multiple SSIDs	4	4	4
	802.1Q VLAN	●	●	●
	AP Isolation	●	●	●
	Max. WDS Peers	4	4	4
	Max. Wireless Clients	50	50	32
	WMM	●	●	●
	MAC Filtering	●	●	●
	Firewall	●	-	●
	VPN Pass-through	●	●	●
	Guest Network	-	-	-
	IPv6	-	-	●
	SNMP	●	●	●
	L2 Roaming	-	-	-
	Smart Discovery	●	●	●
Environment	Operating Temperature	-40 ~ 70 degrees C	-20 ~ 70 degrees C	
	Operating Humidity	10 ~ 95% (non-condensing)	5 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)
Management	Applicable Controllers	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR		WAPC-500/WAPC-1000 SAPC WS-1232P/ WS -2864PVR/CS-950

5GHz Outdoor Wireless Access Points

		11ac 5G AP/CPE	11n 5G APs/CPE	
Model		WBS-502AC	WAP-552N	WBS-502N
Product Image				
		11ac	IP67	15dBi
Outdoor IP Level		IP55	IP67	IP55
Wireless	Standard	802.11a/n/ac	802.11a/n	802.11a/n
	Max. Data Rate	867Mbps	300Mbps	300Mbps
	Antenna/Connector	19dBi dual-polarity FP	2 x N-Type (F)	15dBi dual-polarity directional antenna
	Max. Range	Up to 15km	Depends on antenna	Up to 10km
	Max. TX Power	FCC : 26dBm ETSI : EIRP < 20dBm	FCC : 27dBm ETSI : EIRP < 20dBm	FCC : 27dBm ETSI : EIRP < 20dBm
Hardware	Network Interface	2 x 10/100/1000BASE-T	1 x 10/100BASE-TX	1 x 10/100BASE-TX
	PoE	802.3at PoE+	802.3af/at PoE	802.3af/at PoE
Operating Mode	Access Point	●	●	●
	Client Bridge	●	-	-
	WDS Bridge	●	●	●
	Repeater	-	-	●
	Universal Repeater	-	●	-
	WISP	●	●	●
Security	WEP	64-/128-/152-bit	64-/128-bit	-
	WPA/WPA2	●	●	●
	802.1X	●	●	●
WAN Type (In WISP Mode)	Dynamic IP	●	●	●
	Static IP	●	●	●
	PPPoE/PPTP/L2TP	●/●/ -	●/ - / -	●/ - / -
Advanced	Multiple SSIDs	8	4	4
	802.1Q VLAN	●	●	●
	AP Isolation	●	●	●
	Max. WDS Peers	8	4	4
	Max. Wireless Clients	32	50	50
	WMM	●	●	●
	MAC Filtering	●	●	●
	Firewall	●	-	-
	VPN Pass-through	●	●	●
	Guest Network	●	-	-
	IPv6	●	-	-
	SNMP	●	●	●
	L2 Roaming	-	-	-
	Smart Discovery	●	●	●
Environment	Operating Temperature	-20 ~ 70 degrees C	-40 ~ 70 degrees C	-20 ~ 70 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)	10 ~ 95% (non-condensing)	5 ~ 90% (non-condensing)
Management	Applicable Controllers	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR	WAPC-500/WAPC-1000 SAPC WS-1232P/ WS-2864PVR

Home & SOHO Wi-Fi Networking

PLANET makes your home networking easier and more compact with 802.11ac solution. Simply install an 802.11ac compatible wireless router, WDRT-1202AC, in the house, and its wide coverage and stable quality will definitely offer you a seamless and impressive wireless roaming experience. From now on, you can surf the web, enjoy multimedia streaming and share files wirelessly without any limitation.

A

WDRT-1202AC
1200Mbps 802.11ac Dual Band Wireless Gigabit Router

B

WRE-1200
1200Mbps 802.11ac Dual Band Range Extender

C

ICA-W7100
720p Wireless IR PT IP Camera

802.11ac Dual Band Wireless Routers

		Dual-Band APs/Routers	11n AP/Router	VDSL2 AP Router	11n AP/Router
Model		WDRT-1202AC	FRT-415N	VDR-301N	WNRT-300
Product Image		Guest Network	Fiber	VDSL2 ADSL2+	Portable
Wireless	Standard	802.11a/b/g/n/ac	802.11b/g/n	802.11b/g/n	802.11b/g/n
	Max. Data Rate	300+867Mbps	300Mbps	300Mbps	150Mbps
	MIMO System	2T2R	2T2R	2T2R	1T1R
	Antenna/Connector	2.4G: 5dBi 5G: 5dBi	5dBi x2	4dBi x2	2dBi
	Max. Range	indoor: 70m outdoor: 300m	indoor: 70m outdoor: 300m	indoor: 70m outdoor: 300m	indoor: 70m outdoor: 300m
	Max. TX Power	EIRP < 20dBm	EIRP < 20dBm	EIRP < 20dBm	EIRP < 20dBm
Hardware	Network Interface	1 x 10/100/1000BASE-T WAN 4 x 10/100/1000BASE-T LAN	4 x 10/100BASE-TX LAN 1 x 100BASE-FX SFP	4 x 10/100BASE-TX LAN 1 x 1000BASE-T RJ45 WAN 1 x RJ11	1 x 10/100BASE-TX
	USB	1 x USB 2.0 for storage, DLNA	-	-	Mini-USB for power/charging
	Power Requirements	12V DC, 1.5A	12V DC, 0.5A	12V DC, 0.5A	5V DC, 1A Built-in Li-ion Battery
Operating Mode	Access Point	●	●	●	●
	Client Bridge	-	-	-	●
	WDS Bridge	-	●	-	●
	Repeater	-	-	-	●
	Universal Repeater	-	-	-	●
	WISP	-	-	-	●
Security	WEP	-	64-/128-bit	64-/128-bit	64-/128-bit
	WPA/WPA2	●	●	●	●
	802.1X	-	●	●	●
	WPS	●	●	●	●
WAN Type	Dynamic IP	●	●	●	●
	Static IP	●	●	●	●
	PPPoE/PPTP/L2TP	●/●/●	●	●/ - / -	●
Advanced	Multiple SSIDs	2	4	4	4
	802.1Q VLAN	● (WAN only)	-	● (WAN only)	-
	AP Isolation	-	-	-	●
	DMZ	●	●	●	●
	Max. Wireless Clients	32+32 (2.4G+5G)	16	16	20
	WMM	-	●	●	●
	MAC Filtering	●	●	●	●
	Firewall	●	●	●	●
	VPN	L2TP over IPSec	-	●	-
	VPN Pass-through	-	●	●	●
	Guest Network	●	-	-	-
	IPv6	●	-	●	-
	SNMP	-	-	-	-
	PLANET DDNS	●	●	●	●
	Smart Discovery	-	-	-	-
Environment	Operating Temperature	0 ~ 40 degrees C	0 ~ 40 degrees C	0 ~ 40 degrees C	0 ~ 40 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)	10 ~ 90% (non-condensing)

Enjoy Full Coverage of Stable Wireless Connection

Wireless Range Extenders

		APs/Repeaters
Model		WRE-1200
Product Image		
		Dual Band
Wireless	Standard	802.11a/b/g/n/ac
	Max. Data Rate	300+867Mbps
	MIMO System	2T2R
	Antenna/Connector	2.4G: 2dBi 5G: 4dBi
	Max. Range	indoor: 70m outdoor: 300m
	Max. TX Power	EIRP < 20dBm
Hardware	Network Interface	1 x 10/100/1000BASE-T
	USB	-
	Power Requirements	100-240V AC, 50/60Hz
Operating Mode	Access Point	●
	Client Bridge	●
	WDS Bridge	-
	Repeater	-
	Universal Repeater	●
	WISP	-
Security	WEP	64-/128-bit
	WPA/WPA2	●
	802.1X	●
	WPS	●
WAN Type	Dynamic IP	-
	Static IP	-
	PPPoE/PPTP/L2TP	-
Advanced	Multiple SSIDs	-
	802.1Q VLAN	-
	AP Isolation	-
	DMZ	-
	Max. Wireless Clients	32+32 (2.4G+5G)
	WMM	●
	MAC Filtering	●
	Firewall	-
	VPN	-
	VPN Pass-through	-
	Guest Network	-
	IPv6	-
	SNMP	-
	PLANET DDNS	-
	Smart Discovery	●
Environment	Operating Temperature	0 ~ 40 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)

4G LTE Vehicle Wireless Gateway

Wireless Gateway		
Model		VCG-1500WG-LTE
Product Image		
Hardware	10/100BASE-TX	4
	WAN	1
	Wi-Fi	802.11n, 2.4GHz
	GPS	●
	SIM Card Slot	1
	TF Card Slot	2
Multi Band Supports	EU Model	FDD LTE B1/B3/B5/B7/B8/B20 (2100/1800/850/2600/900/800) TDD LTE B38/B40/B41(2600/2300/2500) WCDMA B1/B5/B8(2100/850/900) GSM/EDGE B3/B8 (1800/900)
	US Model	FDD LTE B2/B4/B12 (1900/AWS1700/700) WCDMA B2/B4/B5 (1900/AWS1700/850)
	LTE	20MHz bandwidth: 100Mbps (DL), 50Mbps (UL)
Power	Inputs	5-32V DC
	Connector	Standard 4-pin vehicle power jack
	Consumption	3 watts
Mechanical	Dimensions (W x D x H)	168 x 104 x 25 mm
	Enclosure	IP30 metal case
	Mounting	Mounting brackets for vehicles
Environment	Operating Temperature	-25~65 degrees C
	Operating Humidity	95% (non-condensing)
Regulatory	Emissions	FCC Part 15 Class A, CE
	Stability	Static Route, VPN, DDNS, IP Filter, QoS
Management	Interface	Console, Web, telnet
	Wifidog	work with CMS for remote management and advertising
	Log	Syslog Log

802.11ac/n Wireless Adapter

11ac USB Adapter		
Model		WDL-U601AC
Product Image		
		11ac
Wireless	Standard	802.11a/b/g/n/ac
	Max. Data Rate	150+433Mbps
	MIMO System	1T1R
	Antenna/ Connector	2.4G: 2dBi 5G: 4dBi
	Max. Range	indoor: 70m outdoor: 300m
	Max. TX Power	EIRP < 20dBm
Operating Mode	Infrasturcture	●
	Ad-Hoc	-
	Soft-AP	-
Security	WEP	64-/128-bit
	WPA/WPA2	●
	802.1X	●
	WPS	●
Environment	Power Saving Mode	●
	WMM Support	●
	Compatibility	Windows XP/Vista/7/8/10 Mac OS X 10.7/10.8/10.9/10.10 Linux Kernel 2.6.18~3.16.0
	Operating Temperature	0 ~ 40 degrees C
	Operating Humidity	10 ~ 90% (non-condensing)

Outdoor Wireless Accessories

5GHz Outdoor Antennas

Model	ANT-OM5D	ANT-FP18A	ANT-FP14AD	ANT-SE17A	ANT-OM10A
Product Image					
Operating Environment	outdoor	outdoor	outdoor	outdoor	outdoor
Type	Omni-directional	Uni-directional, Flat panel	Uni-directional Flat panel Dual Polarization	Uni-directional, Sector	Omni-directional
Gain	2.4GHz: 4.5dBi 5GHz: 7dBi	18 dBi	14dBi	16.5 dBi	10 dBi
Horizontal Beamwidth (degrees)	360	10	30	120	360
Vertical Beamwidth (degrees)	80 (2.4GHz) 55 (5GHz)	10	30	10	6
Connector	N-male (male pin)		N-female x 2	N-female (female pin)	N-female (female pin)
Mounting type	N/A	Pole/Wall mount	Mast mount	Mast or Wall mount	Pole/Wall mount

Lightning Arrester

Model	WL-LTNA
Product Image	
Description	Lightning Arrester
Frequency	0~6GHz
Type	Gas Discharged
Gain Loss	Less than 0.5dB
Max. Withstand Current	20KA
Connector	N-male (male pin) to N-female (female pin)

Wireless LAN Cables

Model	WL-SMA-0.6	WL-SMA-6	WL-N-0.6	WL-NM-0.6	WL-MF-0.6	WL-MMC
Product Image						
Description	0.6m Reverse SMA (Male) to N-male (male pin) Cable	6m Reverse SMA (Male) to N-male (male pin) Cable	0.6m N-male (female pin) to N-male (male pin) Cable	0.6m N-male (male pin) to N-male (male pin) Cable	0.6m N-male (male pin) to N-female (female pin) Cable	0.3m MMCX to SMA Cable

Indoor/Outdoor Wireless Accessories

2.4GHz Antennas			
Model	ANT-FP14D	ANT-FP18	ANT-SE18
Product Image			
Operating Environment	outdoor	outdoor	outdoor
Type	Uni-directional Flat panel Dual Polarization	Uni-directional, Flat panel	Uni-directional, Sector
Gain	14 dBi	18 dBi	12~18 dBi
Horizontal Beamwidth (degrees)	30	30	60-120 adjustable
Vertical Beamwidth (degrees)	30	20	10
Connector	N-female x2	N-female (female pin)	N-female (female pin)
Mounting Type	Mast mount	Wall mount	Mast or Wall mount

2.4GHz Antennas				
Model	ANT-OM15	ANT-OM8	ANT-OM5D	ANT-OM9
Product Image				
Operating Environment	outdoor	outdoor	outdoor	indoor
Type	Omni-directional, General purpose	Omni-directional, General purpose	Omni-directional	Omni-directional, General purpose
Gain	15 dBi	8 dBi	2.4GHz: 4.5dBi 5GHz: 7dBi	9 dBi
Horizontal Beamwidth (degrees)	360	360	360	360
Vertical Beamwidth (degrees)	10	10	80 (2.4GHz) 55 (5GHz)	15-18
Connector	N-female (female pin)	N-female (female pin)	N-male (male pin)	RP-SMA(M)
Mounting Type	Mast mount	Mast mount	N/A	N/A

PLANET Technology Corporation

11F., No. 96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)

Tel: 886-2-2219-9518 Fax: 886-2-2219-9528 E-mail: sales@planet.com.tw

PLANET reserves the right to change specifications without prior notice. All brand names and trademarks are property of their respective owners. © PLANET Technology Corporation DM-WL0119