High-performance, Reliable and Flexible
5GHz / 2.4GHz Outdoor Wireless Solution

» Comprehensive wireless solutions meet various applications
» TDMA scheme is adopted to enhance greater wireless efficiency
» UV resistance and durable design for all harsh environments
» Easy to manage via PLANET Smart Discovery and PLANET DDNS
802.11ac Ready for Next-Generation Wireless Connection

PLANET 802.11ac Wireless Solution provides ultra high-speed wireless transmission for enterprise, SOHO and home networking deployment. With its outstanding stability of high-speed wireless transmission and enhanced reliability, the 802.11ac Wireless Solution can provide users with excellent multimedia streaming through their mobile devices anywhere, anytime in the home and office.

Centralized Management

When service providers deploy a large-scale and number of wireless APs in buildings such as hotels, PLANET wirelessly centralized management helps service providers and IT managers control all wireless APs at the same time in both software and hardware.

Reliable Wireless Data Transmission

PLANET Outdoor Wireless Solution provides higher transmit power, better performance, wider coverage and stable connection for all kinds of outdoor applications.

All-Weather Protection for Outdoor Environment

With the IP66-rated, rugged aluminum housing and operating temperature ranging from -40 to 70 degrees C, PLANET Outdoor Wireless Solution can perform normally under rigorous weather conditions, including heavy rain, wind and snow.
WISP Solution
Compared with the traditional ISP provider that offers wired Internet service, Planet WISP solution provides more elastic, more effective and low-cost wireless Internet service, and no limitation of place, be it a small residence or campus.

Outdoor Wi-Fi LAN Solution
It provides small and medium businesses or SOHO with wireless LAN data transmission solution. It features a wireless point to point/multiple point to multiple point bridge, general data transmission and media transmission like surveillance monitoring between buildings. It is suitable for wide-ranging connectivities.

Outdoor CPE/Client
Planet Outdoor Solution supports multiple wireless communication connectivities (AP, Client CPE, WDS PtP, WDS PtMP, Repeater, Universal Repeater and WISP) suitable for various application requirements and thus it helps users to easily build a wireless network and extend the wireless range of the existing wireless network.
5GHz and 2.4GHz 80.211n Wireless Outdoor Solutions

 Highly-reliable Wireless Outdoor Connection

Planet Outdoor Solution provides Higher Transmission Power, Longer Distance, and Better Performance than standard outdoor wireless Access Point. It is equipped with various antenna solutions and multiple adjustable transmission output power controllers which are quite suitable for longer distance and widely open space applications.

Dual-band 802.11a/b/g/n Wireless Outdoor Solutions

**WDAP-8350**
Dual-band 600Mbps 802.11n Wireless Outdoor CPE

- Simultaneous 2.4GHz (Wi-Fi access) and 5GHz (backhaul) wireless network
- Gigabit wire and 600Mbps wireless connectivity (dual-band)
- 4 built-in N-type (F) antenna connectors
- 801.1Q VLAN mapping multiple-SSIDs
- IPv4 and IPv6 dual-stack networks
- Dual-image backup mechanism
- Ground terminal design, IP66 protection
- 802.3at Power over Ethernet design

5GHz 802.11a/n Wireless Outdoor Solutions

**WNAP-7350**
5GHz 300Mbps Outdoor CPE

- Built-in 2 N-type (F) antenna connectors
- AP/Client, WDS PtP/PtMP, Repeater, WISP modes
- High transmission output power up to 500mW
- Aluminium housing, IP67 protection
- 802.3af Power over Ethernet design

**WNAP-7335**
5GHz 300Mbps Outdoor CPE

- Built-in 2 RP-SMA (F) antenna connectors
- AP/Client, WDS PtP/PtMP, WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- TDMA technology enhances PtMP wireless efficiency
- 100Mbps real performance at 5km

**WNAP-7325**
5GHz 300Mbps Outdoor CPE

- Built-in 14dBi dual-polarized antenna
- AP/Client, WDS PtP/PtMP, WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- TDMA technology enhances PtMP wireless efficiency
- 100Mbps real performance at 5km
2.4GHz 802.11b/g/n Wireless Outdoor Solutions

WNAP-6350
2.4GHz 300Mbps Outdoor CPE
- Built-in 2 N-type (F) antenna connectors
- AP/Client, WDS PtP/PtMP, Repeater, WISP modes
- High transmission output power up to 500mW
- Aluminum housing, IP67 protection
- 802.3af Power over Ethernet design

WNAP-6335
2.4GHz 300Mbps Outdoor CPE
- Built-in 2 RP-SMA (F) antenna connectors
- AP/Client, WDS PtP/PtMP, WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- TDMA technology enhances PtMP wireless efficiency

WNAP-6325
2.4GHz 300Mbps Outdoor CPE
- Built-in 12dBi dual-polarized antenna
- AP/Client, WDS PtP/PtMP, WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- TDMA technology enhances PtMP wireless efficiency

WNAP-6315
2.4GHz 150Mbps Outdoor CPE
- Built-in 12dBi patch antenna
- AP/Client, WDS PtP/PtMP, Repeater, Universal Repeater WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- Optional RP-SMA (F) antenna connector

WNAP-6308
2.4GHz 150Mbps Outdoor CPE
- Built-in N-type (M) antenna connector
- AP/Client, WDS PtP/PtMP, Repeater, WISP modes
- High transmission output power up to 200mW
- UV resistance, IP55 protection
- Mount-free design

WNAP-6300
2.4GHz 300Mbps Outdoor CPE
- Built-in 2 RP-SMA (F) antenna connectors
- AP/Client, WDS PtP/PtMP, WISP modes
- High transmission output power up to 500mW
- UV resistance, IP55 protection
- TDMA technology enhances PtMP wireless efficiency

WNAP-6350
2.4GHz 300Mbps Outdoor CPE
- Built-in 2 N-type (F) antenna connectors
- AP/Client, WDS PtP/PtMP, Repeater, WISP modes
- High transmission output power up to 500mW
- Aluminum housing, IP67 protection
- 802.3af Power over Ethernet design
Multiple Network Technologies for Incredibly 1750Mbps High-Speed Connection

The WDAP-1750AC supports IEEE 802.11a/b/g/n/ac dual band standard with 3T3R antenna technology; therefore, it can provide the wireless speed up to 450+1300Mbps which is 3 times faster than the traditional 11n access point. Moreover, the WDAP-1750AC is equipped with all Gigabit Ethernet ports and hardware designed Wi-Fi ON/OFF switch. Compared with general wireless routers, the WDAP-1750AC offers faster transmission speed and more convenient method to enable or disable wireless signal.

Wireless Home and SOHO Applications

PLANET makes your home networking easier and more compact with 802.11n solution. Simply install an 802.11n compatible wireless router, WNRT-617G, 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, share files, and make VoIP calls wirelessly without any limitation.
Enterprise Wireless Access Points

PLANET enterprise PoE access points feature the latest 802.11ac wireless technology, advanced management functions and superior encryption standard yet cost-effectiveness. Meeting today’s demand for advanced performance and security, PLANET enterprise PoE access points include multiple SSIDs, WPA/WPA2, RADIUS MAC authentication and so forth. It is the perfect choice for homes, SOHOs, hotels, and offices to allow you to check e-mail and surf the Internet via the 2.4GHz band and simultaneously watch high-definition (HD) video or any other multimedia application via the 5GHz band.

**WDAP-1750AC**
1750Mbps 802.11ac Wireless AP
- Simultaneous dual-band connectivity in 2.4GHz 450Mbps and 5GHz 1300Mbps
- Gigabit Ethernet ports, one port 802.3at PoE/EPD and one port 802.3af PoE/PSE supported
- Built-in RADIUS server
- 802.1Q VLAN tag over WDS and 32 multiple-SSIDs
- Supports software AP controller (1 on 5)

**WDAP-C7200AC**
1200Mbps 802.11ac Wireless AP
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port, 802.3at PoE/EPD supported
- Supports 10 multiple-SSIDs
- Multiple operation modes: AP, Client, WDS, Universal Repeater
- Supports AP controller for wirelessly centralized management

**WDAP-W7200AC**
1200Mbps 802.11ac Wireless AP
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port, 802.3at PoE/EPD supported
- Supports 10 multiple-SSIDs
- Multiple operation modes: AP, Client, WDS, Universal Repeater
- Supports AP controller for wirelessly centralized management

**WNAP-W2200**
300Mbps 802.11n Wireless AP
- 10/100BASE-TX ports, with one 802.3af PoE/EPD port supported
- Supports 5 multiple-SSIDs
- Management Utility and SNMP supported
- In-wall design with RJ11 and USB charging ports

**WNAP-W2201A**
300Mbps 802.11n Wireless AP
- 10/100BASE-TX ports, with one 802.3af PoE/EPD port supported
- Supports 5 multiple-SSIDs
- Management Utility and SNMP supported
- In-wall design with RJ11 ports for phone line connection
Wireless Access Point Controllers

When service providers deploy a large-scale and number of wireless APs in buildings such as hotels, villas, resorts or any large area deployment, PLANET Wireless Access Point Controller Series helps service providers and IT managers control all wireless APs at the same time.

- Locally maintains configuration profiles for all managed APs
- Centrally monitors all managed APs’ statuses and associated client list
- AP alive check for automatic operating status diagnostics
- IPv4/IPv6 dual stack management
- L2/L3/L4 ACL and MAC access control
- 802.1Q VLAN, 802.1X user authentication and loop protection

WAPC-1232HP

Wireless AP Controller with 8-port PoE+

- AP discovery up to 32 managed APs
- Eight built-in 802.3at PoE+ ports to directly manage AP power control
- AP/PD alive check for operating status diagnostics
- 240-watt PoE budget

WAPC-2864HP

Wireless AP Controller with 24-port PoE+

- AP discovery up to 64 managed APs
- 24 built-in 802.3at PoE+ ports to directly manage AP power control
- AP/PD alive check for operating status diagnostics
- 440-watt PoE budget
- 4 10G SFP+ uplink interfaces
- IPv6/IPv4 Layer 3 static routing

Computer Facilities

- Internet
- Internet Router
- Security Gateway
- External Authentication Server (RADIUS, TACACS+, LLDP)
- Wireless Access Controller

Managed AP Managed AP Managed AP

SSID: Floor 1 Channel: 1
Profile-1

SSID: Floor 1 Channel: 6
Profile-2

SSID: Floor 1 Channel: 11
Profile-3

SSID: Floor 2 Channel: 6
Profile-4

SSID: Floor 2 Channel: 11
Profile-5

SSID: Floor 2 Channel: 1
Profile-6

Layer 2 PoE Switch

1000BASE T UTP
1000BASE T UTP with PoE
Wireless Home and SOHO Applications

3G/4G Wireless AP Routers

PLANET Wireless 3G/4G Broadband Router provides home, SOHO and business users with a reliable and cost-effective wireless solution by featuring 3G/4G/WAN Internet access and high-speed IEEE 802.11n wireless transmission. PLANET Wireless 3G/4G Broadband Router offers more powerful and flexible capability for business demands and easier way for users to share an instant wireless network service via 3G/4G service wherever at home, hotspot, or in public places like transportation, outdoor events, etc.

- 3G/4G mobile Internet connection
- Compliant with IEEE 802.11n wireless technology with data rate of up to 300Mbps
- Supports multiple operation modes

WNRT-617G
150Mbps 802.11n Wireless 3G/4G Router
• Dual WAN connections and 3G/4G failover
• Advanced 152-bit WEP, WPA-TKIP(PSK), WPA2-AES (PSK) and 802.1X authentication
• Easy, smart setup wizard
• PLANET DDNS supported

VDR-300NU
300Mbps Dual-band Wireless VDSL2 Router
• Built-in VDSL2 with G. vectoring technology
• Multiple WAN connections and 3G failover
• Selectable dual-band wireless
• TR-069 compliant DLNA media server
• PLANET DDNS supported

802.11ac/n Dual-band Wireless Routers

WDRT-1200AC
1200Mbps 802.11ac Wireless AP Router
• Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
• 4 internal antennas for better performance
• Equipped with all Gigabit RJ45 ports
• One USB 3.0 port with file sharing and DLNA supported

WDRT-731U
600Mbps 802.11n Wireless AP Router
• Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 300Mbps
• Built-in 5dBi high-gain antennas
• Equipped with all Gigabit RJ45 ports
• LAN4 IPTV pass-through supported
• One USB 2.0 port with file and printer sharing supported
• Supports guest network
2.4GHz 802.11b/g/n Wireless AP Routers

Offering an instant network and flexibility for users to handle network expansion and speed, PLANET wireless routers are a total solution to the Home, Hotspot and the SOHO users. They offer 300Mbps wireless speed and multiple operation modes in which Gigabit LAN and WAN greatly increase client mobility and speed within a network. By installing PLANET wireless routers as the central connection point of the network, the connected computers and mobile devices are able to share the high-speed broadband Internet connectivity and networked server.

- Complies with IEEE 802.11n, 802.11b/g standards
- Wi-Fi Protected Setup (WPS)
- 5dBi high-gain antennas for stable wireless transmission

WNRT-633
300Mbps 802.11n Wireless Gigabit Router
- Gigabit Ethernet ports for high-speed WAN/LAN connection
- Multiple operation modes: AP/Client, WDS, Repeater, Universal Repeater, WISP
- 5dBi high-gain antennas with flexible RP-SMA (F) connector
- Powerful firewall and complete access control functions

WNRT-617
150Mbps 802.11n Wireless Router
- 5dBi high-gain antenna and WDS support
- Advanced 152-bit WEP, WPA-TKIP(PSK), WPA2-AES(PSK) and 802.1X authentication
- Powerful firewall and complete access control functions
- Easy, smart setup wizard

WNRT-627
300Mbps 802.11n Wireless Router
- 5dBi high-gain antenna and WDS support
- Advanced 152-bit WEP, WPA-TKIP(PSK), WPA2-AES(PSK) and 802.1X authentication
- Powerful firewall and complete access control functions
- Easy, smart setup wizard

WNRT-300
150Mbps 802.11n Wireless Portable Router
- Hardware switchable operation modes: Router/AP/Client
- Built-in rechargeable li-ion battery
- Easy setup wizard
- Portable and pocket-sized design for true mobility

FRT-415N
300Mbps 802.11n Wireless Fiber Router
- 100/100Mbps upstream and downstream fiber port for long-distance WAN connection
- 2~60km flexible distance deployment via 100BASE-FX SFP fiber interface
- Multiple WAN Connections
- Built-in 5dBi high-gain antennas
- IPv6 supported for new services and higher security
- IGMP proxy and IGMP snooping for IPTV applications
Wireless Access Points/Range Extenders

Ideal High-speed Wireless Range Extender

To minimize the effort of wireless network deployment, PLANET provides ideal Wireless Range Extension solution that features 802.11n MIMO technology. With the high speed transmission rates, PLANET Wireless Range Extender is easy to integrate the wireless devices with the existing wired network. Compared with general wireless AP routers, PLANET Wireless Range Extender offers more powerful and flexible capability for home and business demands to access Internet and extension of wireless network range.

- IEEE 802.11n, 802.11b/g standard compliant
- High-speed wireless data rate
- Multiple operation modes: AP/Repeater/WDS PtP/WDS PtMP
- Advanced wireless security
- User-friendly Web management interfaces

WRE-1200

1200Mbps 802.11ac Wireless Range Extender
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port and mode switch button
- One-touch Wi-Fi Protected Setup (WPS)
- Hardware modes: AP/Repeater/Client
- Built-in electrical power socket, wall plug design

WNAP-W2200

300Mbps 802.11n Wireless AP
- 10/100BASE-TX ports with one 802.3af PoE/PD port supported
- 802.1Q VLAN mapping multiple-SSIDs
- Management Utility and SNMP supported
- In-wall design with RJ11 and USB charging ports

WNAP-C7400

900Mbps 802.11n Wireless AP
- Simultaneous dual-band connectivity in 2.4GHz 450Mbps and 5GHz 450Mbps
- Gigabit Ethernet ports with one 802.3at PoE/PD port supported
- High transmission output power up to 500mW
- Management Utility and SNMP supported
- Sleek, stylish and ceiling-mountable design

WNAP-W2201A

300Mbps 802.11n Wireless AP
- 10/100BASE-TX ports, with one 802.3af PoE/PD port supported
- supports 5 multiple-SSIDs
- Management Utility and SNMP supported
- In-wall design with JR11 ports for phone line connection

WNAP-C3220A

300Mbps 802.11n Wireless AP
- 10/100BASE-TX port, 802.3at PoE/PD supported
- Supports 5 multiple-SSIDs
- Management Utility and SNMP supported
- Sleek, stylish and ceiling-mountable design

WNAP-1260

300Mbps 802.11n Wireless Range Extender
- Complies with IEEE 802.11n, 802.11b/g standards
- 10/100BASE-TX port and mode switch button
- One-touch Wi-Fi Protected Setup (WPS)
- Hardware modes: AP/Repeater/Client
- Built-in electrical power socket, wall plug design
- Supports multiple-SSIDs

WNAP-1200

1200Mbps 802.11ac Wireless Range Extender
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port, 802.3at PoE/PD supported
- Supports 10 multiple-SSIDs
- Multiple operation modes: AP, Client, WDS, Universal Repeater
- Supports AP controller for wirelessly centralized management

WNAP-1110

150Mbps 802.11n Wireless Range Extender
- Complies with IEEE 802.11n, 802.11b/g standards
- 10/100BASE-TX port with passive PoE supported
- Advanced 152-bit WEP, WPA-TKIP(PSK), WPA2-AES(PSK) and 802.1X authentication
- One-touch Wi-Fi Protected Setup (WPS)
- AP(Multi-SSID)/Client/Repeater/WDS PtP/ WDS PtMP
- 802.1Q VLAN mapping multiple-SSIDs
- WMM and SNMP v1, v2c

WDAP-C7200AC

1200Mbps 802.11ac Wireless AP
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port, 802.3at PoE/PD supported
- Supports 10 multiple-SSIDs
- Multiple operation modes: AP, Client, WDS, Universal Repeater
- Supports AP controller for wirelessly centralized management
802.11ac/802.11n Wireless USB Adapters

High-speed 802.11ac Wireless Experience

PLANET WDL-U600AC offers a reliable and cost-effective wireless extension solution. It adopts IEEE 802.11ac technology and is backward compatible with IEEE802.11n, IEEE 802.11b and 802.11g.

- Wi-Fi Protected Setup (WPS) support
- Supports WEP 64/128, WPA, WPA-PSK, WPA2, WPA2-PSK (TKIP/AES encryption)
- Supports QoS-WMM (Wi-Fi Multi-media) function/WMM-PS
- Supports software AP mode
- USB 2.0/1.1 attached interface
- Supports the most popular operating systems including Windows XP, Vista, Win 7, Win 8, Linux, and MAC OS X ready

802.11ac/802.11n Wireless Experience

Delivering Smooth Presentations Wirelessly

PLANET wireless presentation gateways are designed based on IEEE 802.11n technology. They are equipped with both VGA and HDMI video output interfaces and one 10/100Mbps Ethernet port for LAN connection. With the hardware decoding capability, PLANET wireless presentation gateways can project high-definition video on the screen and audio through wireless or wired LAN connection. They facilitate multiple users to freely display the presentations, images and videos via wireless connection to a projector or LCD TV without swapping lots of cables.

- IEEE 802.11n, 802.11b/g standard compliant
- High-speed wireless data rate
- Advanced wireless security
- User-friendly Web management interfaces
- Plug and show, audio/video streaming
- 4-to-1 split screen projection
- Web browser management
- Windows XP/Vista/Win 7/8 Mac OS X support
- Multiple users access

802.11ac/802.11n Wireless Experience

Wireless Presentation Gateways

WNL-U556M
- 300Mbps 802.11n MIMO technology
- 2.4GHz ISM band, unlicensed operation
- Micro-size design
- Easy to encrypt with the WPS button

WDL-U601AC
- 433Mbps 802.11ac MIMO technology
- Selectable dual band provides more flexible connection
- Tiny size, lightweight and portable design
- Easy to encrypt with the WPS button

WNL-U556M
- 300Mbps 802.11n MIMO technology
- 2.4GHz ISM band, unlicensed operation
- Micro-size design
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WDL-U601AC
- 433Mbps 802.11ac MIMO technology
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WNL-U556M
- 300Mbps 802.11n MIMO technology
- 2.4GHz ISM band, unlicensed operation
- Micro-size design
- Easy to encrypt with the WPS button

WDL-U601AC
- 433Mbps 802.11ac MIMO technology
- Selectable dual band provides more flexible connection
- Tiny size, lightweight and portable design
- Easy to encrypt with the WPS button

Wireless Presentation Gateways

WIPG-300H
- Full HD1080p HDMI/VGA output
- 300Mbps 802.11n MIMO technology
- 802.11n Wi-Fi AP and AP-Client mode
- Up to 30fps network screen projection
- SidePad manages projection via iOS/Android device.
- Web Slides allow audience to view the slides from web browser.
- USB over IP for touch screen and IWB
- Multiple users access in standby and conference modes

WPG-210N
- 720p HDMI/VGA output
- 300Mbps 802.11n MIMO technology
- 802.11n Wi-Fi AP and AP-Client mode
- Up to 30fps network screen projection
Industrial Wireless Access Points

Excellent Hardware Design

PLANET Industrial Wireless Solution is designed for the Wi-Fi application over a TCP/IP network in the hardened environment for robust wireless access. It comes with 802.11n wireless interface for up to 300Mbps wireless performance and provides IEEE 802.3af PoE PD (powered device) or PoE PSE (powered source equipment) interface which is the ideal solution for wireless transmission in any harsh industrial environment.

- IPv4/IPv6 Web management
- 2 x 5dBi detachable omni-directional antenna
- Supports 64-/128-bit WEP, WPA/WPA2, and WPA-PSK/WPA2-PSK, 802.1X
- Supports IEEE 802.1Q VLAN
- -10 to 60 degrees C operating temperature
- Redundant power design
- IP30 aluminum case protection, and DIN-rail and wall-mount design

IAP-2000PE
- 4 10/100BASE-TX ports with 1-port PoE powered device (PD)
- Complies with IEEE 802.11n wireless LAN speed up to 300Mbps

IAP-2001PE
- 4 10/100BASE-TX ports with 1-port PoE powered device (PD)
- One 100BASE-FX fiber optic SFP slot
- Complies with IEEE 802.11n wireless LAN speed up to 300Mbps

IAP-2000PS
- 4 10/100BASE-TX ports with PoE power sourcing equipment (PSE)
- Complies with IEEE 802.11n wireless LAN speed up to 300Mbps

WDAP-W7200AC
- Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps
- Gigabit Ethernet port, 802.3at PoE/PD supported
- Supports 10 multiple-SSIDs
- Multiple operation modes: AP, Client, WDS, Universal Repeater
- Supports AP controller for wirelessly centralized management

Mount Wi-Fi onto the Wall by any Method
1200Mbps 802.11ac Dual Band Wall-mount Wireless Access Point
**Wireless Antennas and Cable Accessories**

To commit the wireless long-distance connectivity, PLANET Wireless LAN Solution also provides a variety of Antennas, Cables and other Accessories for 2.4GHz and 5GHz band applications where more RF gain power is required to increase the convergence of the installations wirelessly.

The antennas include unidirectional antenna and omni-directional antenna to meet the need of different environments. The omni-directional antenna is ideal to install in a central base-station in a point to multi-point wireless application. And unidirectional antennas are designed for long distance.

To keep the wireless device free from lightning induced surges that travel on the coaxial transmission lines, PLANET also provides the arrestor guarding the wireless equipment from damage that could cause your previous network resources to break down.

### Dual-band Antennas

ANT-OM5D
4.5/7dBi (2.4/5GHz) Dual-band Omni-directional Antenna

### 2.4G Antennas

ANT-OM8
8dBi Omni-directional Antenna

ANT-OM9 (Indoor)
9dBi Omni-directional Antenna

ANT-OM15
15dBi Omni-directional Antenna

ANT-FP9
9dBi Flat Panel Directional Antenna

ANT-FP14D
14dBi Flat Panel Dual Polarization Antenna

ANT-FP18
18dBi Flat Panel Directional Antenna

ANT-YG13
13dBi Yagi Directional Antenna

ANT-YG20
20dBi Yagi Directional Antenna

ANT-SE18
12-18dBi Adjustable Sector Antenna

ANT-GR21
21dBi Grid Directional Antenna

### 5GHz Antennas

ANT-OM10A
10dBi Omni-directional Antenna

ANT-FP18A
18dBi Flat Panel Antenna

ANT-SE17A
17dBi Sector Antenna

ANT-FP14AD
14dBi Flat Panel Dual Polarization Antenna

ANT-FP23A
23dBi Flat Panel Antenna

ANT-SE21A
21dBi Sector Antenna

### Accessories

WL-N-10
10m N-male (male pin) to N-female (female pin) Extension Cable

WL-NM-0.6
0.6m N-male (male pin) to N-male (male pin) Cable

WL-LTNA
2.4/5GHz Lightning Arrester (N-male to N-female)

WL-MMC
0.3m R-MMCMX(F) to R-SMA(M) Cable

WL-MF-0.6
0.6m N-male (male pin) to N-female (female pin) Extension Cable

WL-N-0.6
0.6m N-male (female pin) to N-male (male pin) Cable

WL-SMA-0.6
0.6m Reverse SMA (female) to N-male (male pin) Cable

WL-SMA-6
6m Reverse SMA (female) to N-male (male pin) Cable