

# WNAP-6350

# 2.4GHz 300Mbps 802.11n Outdoor Wireless Access Point



## High Power Outdoor Wireless Coverage

PLANET WNAP-6350, a 300Mbps outdoor wireless AP, is the latest high power outdoor wireless LAN solution. It provides **higher transmit power**, **better performance**, **wide coverage** and more **stable connection** than standard outdoor wireless AP. As an IEEE 802.11b/g/n compliant wireless device, the WNAP-6350 is able to give stable and efficient wireless performance for long distance application. Adopting IEEE 802.11n standard and 2T2R MIMO technology, the WNAP-6350 makes it possible to deliver six times faster data rate up to 300Mbps than the normal 802.11g wireless device. It also features adjustable output power up to 500mW to extend higher coverage in outdoor long range application.



# Industrial Compliant Wireless LAN & LAN

- Compliant with IEEE 802.11n wireless technology capable of up to 300Mbps data rate
- · Backward compatible with 802.11b/g standard
- Equipped with 10/100Mbps RJ-45 ports for LAN and WAN, and auto MDI/ MDI-X

#### **Fixed-network Broadband Router**

- Supported connection types: Dynamic IP / Static IP / PPPoE / PPTP / L2TP / IPSec
- Supports Virtual Server and DMZ for various networking applications
- · Supports DHCP Server, UPnP and Dynamic DNS

#### **RF Interface Characteristics**

- · 2 built-in N-type female antenna connectors
- High output power up to 500mW with multiple adjustable transmit power control

#### **Outdoor Environmental Characteristics**

- Aluminum housing, IP67 rating
- IEEE 802.3af/at power over Ethernet design
- Operating temperature: -30~75 degrees C

### Multiple Operation & Wireless Mode

- Multiple Operation Modes: Bridge, Gateway, WISP
  Multiple Wireless Modes: AP, Client CPE (WISP), WDS PtP, WDS PtMP, Repeater
- Supports dual-SSID allowing users to access different networks through one single AP
- · Supports WMM (Wi-Fi Multimedia)

#### Secure Network Connection

- · Supports Software Wi-Fi Protected Setup (WPS)
- Advanced security: 64/128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK (TKIP/AES), and 802.1x authentication
- Supports NAT firewall features, with SPI function to protect against DoS attacks
- Supports IP / protocol-based access control and MAC filtering

## Easy Installation & Management

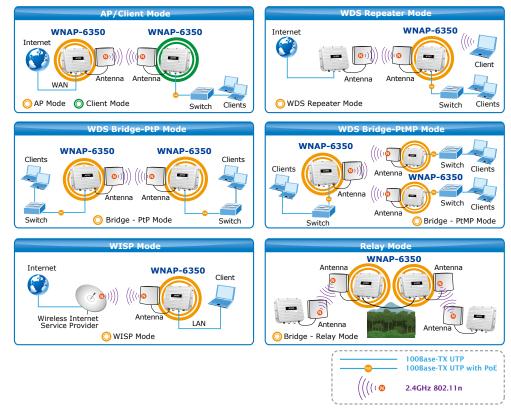
- Web-based UI and Quick Setup Wizard for easy configuration
- Remote Management allows configuration from a remote site
- · SNMP-based management interface
- System status monitoring includes DHCP Client and System Log



## Multiple Operating & Wireless Modes

The WNAP-6350 supports multiple wireless communication connectivities (AP / Client CPE / WDS PtP / WDS PtMP / Repeater) allowing for various application requirements and thus it gives users more comprehensive experience when using the WNAP-6350. It helps users to easily build a wireless network and extend the wireless range of the existing wireless network.

The WNAP-6350 also supports WISP mode, so CPE users could easily connect to Internet via WISP provider or connect to a wired network.



### Advanced Security and Management

In terms of security, besides 64/128- bit WEP encryption, the WNAP-6350 is integrated with WPA / WPA2, WPA-PSK / WPA2-PSK and 802.1x authority to secure and protect your wireless LAN. The wireless MAC filtering and SSID broadcast control consolidate the wireless network security and prevent unauthorized wireless connection. To meet the demand for enterprise and various applications, the WNAP-6350 enhances security and management features such as multiple SSID support.

#### Perfect Solution for Outdoor Environment

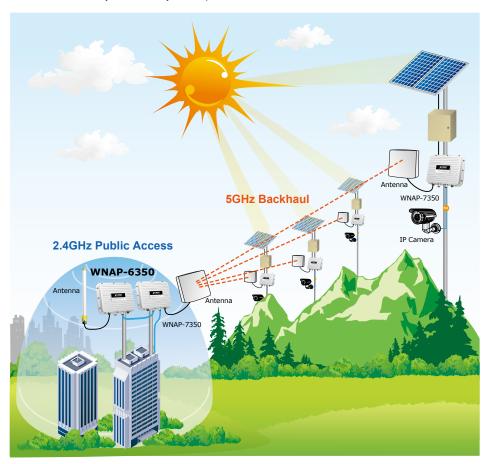
The WNAP-6350 is perfectly suitable for outdoor environments and exposed locations. With IP67 and aluminum rugged strong housing, the WNAP-6350 can perform normally under rigorous weather conditions including heavy rain, wind and snow. Moreover, the WNAP-6350 is rated to operate at the temperature from -30 to 75 degrees C thus operating more stably than general outdoor equipment. It is the best way to use the WNAP-6350 to build outdoor wireless access applications between buildings on campuses, business communities, rural areas and more.





# Flexible Deployment with PoE Feature

Compliant with IEEE 802.3af/at Power over Ethernet standard, the WNAP-6350 can be powered by PSE (Power Sourcing Equipment) via a single UTP cable. It thus reduces the needs of extra cables and dedicated electrical outlets on the wall, ceiling or any other place that is difficult to reach. Furthermore, the WNAP-6350 is also suitable to be integrated with PoE Solar Power System to offer farther wireless service in remote areas. It enables the wireless LAN deployment to become more flexible and frees you from worry about power outlet locations.



## Easy Installation & Management

With user-friendly Web UI and step by step Setup Wizard, the WNAP-6350 is easy to install, even for users who never experience in setting up a wireless network. Furthermore, with SNMP-based management interface, the WNAP-6350 is convenient to be managed and configured remotely.



# Applications

# Longer Distance Coverage between LAN Connections

The WNAP-6350 is a cost-effective outdoor wireless solution for widely open space applications. It is ideal for outdoor wireless connections between buildings.

With two built-in N-type antenna connectors, the WNAP-6350 brings higher coverage and longer distance of wireless connection. The WNAP-6350 provides high output power with multiple adjustable Tx controller, which allows CPE users to easily install and adjust the suitable value in appropriate locations. The WISP mode supported in the WNAP-6350 also enables CPE users to connect to Internet via local WISP provider conveniently.



\*\*Sincerely suggest you match the same model in outdoor wireless bridge application for getting the best performance.



# Specifications

Data Rate       IEEE 802.11b: 11, 5.5, 2 and 1Mbps IEEE 802.11p; 20.44; 12, 0 and 6Mbps IEEE 802.11p; 20.44; up to 150.Mbps IEEE 802.11n; (20.44; up to 150.Mbps IEEE 802.11n; (20.44; up to 150.Mbps         Media Access Control       CSMA / CA         Modulation       Transmission / Emission Type: OFDM Data modulation type: OFDM with BPSK, QPSK, 16-QAM, 64-QAM         Frequency Band       2.412GHz - 2.442GHz (11 Channels)         Coperating Channel       Zemeric/CC: 2.4142.442GHz (11 Channels) Europe/ETSI: 2.412-2.442GHz (11 Channels) Japan/TELEC: 2.4122.442GHz (11 Channels) Japan/TELEC: 2.4122.442GHz (11 Channels)         RF Output Power       EleE 802.11n: 26.5 1.5dBm IEEE 802.11n: 26.5 1.5dBm         Receiver Sensitivity       IEEE 802.11s: 26.9 - 94/-92/ 90dBm (1/2/5.5/ 11Mbps) IEEE 802.11n: 96/-94/-92/ 90dBm (1/2/5.5/ 11Mbps) IEEE 802.11n: 96/-94/-92/ 90dBm (1/2/5.5/ 11Mbps)         Receiver Sensitivity       IEEE 802.11s: 96/-94/-92/ 90dBm (1/2/5.5/ 11Mbps) IEEE 802.11n: 90/-93/-92/-90dBm (MCS0/3/6/9/12/15)         Output Power Control       3-29dBm         Power Constrol       3-29dBm         Power Constrol       9-29/57 degrees C         Operating Temperature       0-95% non-condensing         Porter Sensettiver       IP67         Regulatory       E/ RoHS         Software Features       Suite IP         LAN       Suite IP         Software Features       Suite IP         WANN	opeemeaterie	
Standard Support       EEE 802.1 10ph wines LAN LEE 802.1 u00hase TX Elleword         Standard Support       24 Mayse 100Ph SSRAM 8009has flash         Standard Support       802.3 afrai PoE         Vietous EEE 802.1 May 1.2 JAN       300.4 Standard Support         Martine Marti Martine Martine Martine Martine Martine Martine Marti	Model	WNAP-6350
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NetTory         8 Mytes fash           PoE         802.3 aftar I POE           PoE         802.3 aftar I POE           PoE         802.3 aftar I POE           Interface         Wintess IEEE 802.1 Tbg, 72.72           Atlenna         Wintess IEEE 802.1 Tbg, 72.72           Atlenna         Wintess IEEE 802.1 Tbg, 74.8.2           Wintess IEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps         EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps           United Star IEEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps         EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps           EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps         EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps           EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps         EEE 802.1 Tbg, 74.8.3, 24, 41.8.2, 9 and 6Mbps           Modulation         Company Com		IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Ethernet
wineface         wineface         wineface           http://wineface         wineface         wineface           Anterna         Mutrica         wineface           Wineface         Wineface         Wineface         Wineface           Wineface         Wineface         Wineface         Wineface           Wineface         Wineface         Wineface         Wineface           Data         Rate         Wineface         Wineface         Wineface           Data         Rate         Wineface         Wineface         Wineface         Wineface           Data         Research         CSMA / CA         Wineface	Memory	
Wireless IEEE 802.11b0,np.7278           Interface         Wireless IEEE 802.11b0,np.7278           Anterna         Variability           Writess IFE Spacefactore         Wireless IEEE 802.11b0,np.728           Data Rate         IEEE 802.11b (1, 5.5, 2 and 1Mbps           IEEE 802.11b (1, 5.5, 2 and 1Mbps         IEEE 802.11b (1, 5.5, 2 and 1Mbps           IEEE 802.11b (1, 5.5, 2 and 1Mbps         IEEE 802.11b (1, 5.5, 2 and 1Mbps           IEEE 802.11b (1, 5.5, 2 and 1Mbps         IEEE 802.11b (1, 5.5, 2 and 1Mbps           IEEE 802.11b (1, 6.5, 3, 30.0Mbp         IEEE 802.11b (1, 6.5, 3, 30.0Mbp           Media Access Control         CSMA \CA           Transmission/ Emission / Prof DM         Data modulation type: OFDM with BFSK, 0PSK, 16-QAM, 64-QAM           Greating Channel         CEE 802.11b (2, 4.242.424.242.411 (1, Channels)         Image: Channels)           Japan/TELC: C2.442-442.242.242.242.242.242.242.242.24	PoE	802.3 af/at PoE
WH: 1x 10/008ae-TX, sub-AD/WDIX       Ateana     Hyperensis KF Specifications       Writers KF Specifications     EEE 8021 116, 5.5, 2 and 1Mbps       EEE 8021 116, 4.8, 30, 24, 18, 12, 9 and 6Mbps     Specifications       EEE 8021 116, 4.8, 30, 24, 18, 12, 9 and 6Mbps     Specifications       EEE 8021 116, 20MH2, up to 150Mbps     Specifications       EEE 8021 116, 20MH2, up to 150Mbps     Specifications       Middla Access Control     CSMA < CA		Wireless IEEE 802.11b/g/n, 2T2R
Antenna       N-type female connectors x 2         Wirkless RF Specifications         Unitations         Leff B 00:116: 54, 43, 03, 24, 18, 12, 9 and 0Mbps leff B 00:116: 054, 45, 03, 24, 18, 12, 9 and 0Mbps leff B 00:116: 00Hbr2; up to 500Mbp leff B 00:116: 00Hbr2; up to 500Mbp         Media Access Control       CSMA / CA         Oddatation       CSMA / CA         Modulation       Termission / Encision Type: OFDM Data modulation type: 0FDM with BPSK, OPSK, 16-QAM, 64-QAM         Operating Channel       American CC: 2414-24263CHz (11 Channels) LauropetTB:12: 02 + 148m         Receiver Sensitivity       IEEE 802:110: 29 + 148m         IEEE 802:110: 29 + 148m       IEEE 802:110: 29 + 148m         Receiver Sensitivity       IEEE 802:110: 29 + 148m         IEEE 802:110: 29 + 148m       IEEE 802:110: 39/ 34/ 489 / 30/ 54Mbps) IEEE 802:110: 39/ 34/ 489 / 30/ 54/ 59/ 12/ 15)         Output Power Controd       3-298 / 80/ 2-900 / 80/ 24/ 12/ 15)         Output Power Controd       3-298 / 80/ 2-900 / 80/ 24/ 12/ 15)         Output Power Controd       3-298 / 80/ 2-900 / 80/ 24/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 41/ 89/ 40/ 4	Interface	LAN: 1 x 10/100Base-TX, auto-MDI/MDIX
Wireless RF Specifications              EEE 802.115: 54, 43, 30, 24, 18, 12, 0 and 6Mbps             IEEE 802.110: 20MH2: yu 15 050Mbps             Tanamission / Emission Type: OFDM             Data medulation type: OFDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK, QPSK, 18-0AM, 64-0AM             Pada medulation type: 0FDM with BPSK 02M, 04-0AH             Pada medulation type: 0FDM with BPSK 02M, 04-0AH             Pada medulation type: 0FDK with BPSK 02M, 04-0FDK medulation             PAP             Paramine IP             Pada medulatin type: 0FDK with BPSK 02M, 04-0FDK medulatin type		WAN: 1 x 10/100Base-TX, auto-MDI/MDIX
Data Rate     IEEE 802.11: 11. 5.6.2 and Mbps IEEE 802.11: 020472; up to 500kbps IEEE 802.11: 020472; up to 500kbps Data modulator tope; OFD Mb IBPSK, 0FSK, 16-QAM, 64-QAM       Modulation     Camanetision / Emission / Emission / Emission / Dec. 0FD Mb IBPSK, 0FSK, 16-QAM, 64-QAM       Operating Channel     Calification of the operation	Antenna	N-type female connectors x 2
Data Rate         EEE 002 ting 54, 48, 30, 24, 18, 12, 9 and 6Mbps           EEE 002 tin (40MHz): up to 300Mbp           Media Access Control         SMA / CA           Modulation         Transmission / Emission Type: OFDM           Prequency Band         2.412CH - 2.434GHz           Operating Channel         EuropeiTSI: 2.412-2.422GHz (11 Channels)           Japan / ELEC: 2.412-2.424GHz (14 Channels)         Japan/ELEC: 2.412-2.424GHz (14 Channels)           Receiver Sensitivity         EEE 002 ting: 29 + 10Bm           EEE 002 ting: 29 + 10Bm         EEE 002 ting: 29 + 10Bm           Receiver Sensitivity         EEE 002 ting: 29 + 40Bm (27 / 25 / 51 Mbpps)           Dispect Consumption         7.490-492 + 900EM (17 / 25 / 51 Mbpps)           Receiver Sensitivity         EEE 002 ting: 39 + 402 + 900EM (17 / 25 / 51 Mbpps)           EEE 002 ting: 39 + 402 + 900EM (17 / 25 / 51 Mbpps)         EEE 002 ting: 99 + 402 + 900EM (17 / 25 / 51 Mbpps)           Output Power Control         7.800EM (27 / 45 / 45 Mbpc)           EEE 002 ting: 99 + 402 + 900EM (17 / 25 / 51 Mbpps)         EEE 002 ting: 99 + 402 + 900EM (17 / 25 / 51 Mbpps)           EEE 002 ting: 90 + 402 + 900EM (17 / 25 / 51 Mbpps)         EEE 002 ting: 99 + 900EM (17 / 25 / 51 Mbpp)           Output Power Control         7.900EM (17 / 25 / 50 / 50 / 50 / 50 / 50 / 50 / 50	Wireless RF Specifications	
Modulation     Transmission / Emission Type: OFDM       Transmission / Emission Type: OFDM with BPSK, OPSK, 16-QAM, 64-QAM       Frequency Band     2412GHz - 2480GHz       Operating Channel     Europe/ETSI 2412-2472Hz (1) Channels) Japan/TELEC: 2412-2480GHz (1) Channels) Japan/TELEC: 2412-2480GHz (1) Channels) Japan/TELEC: 2412-2480GHz (1) Channels)       RF Output Power     EEE 802.11b; :95' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :94/ 92' :90dBm (1) 2/ 5.5' 11Mbps) IEEE 802.11b; :90' :90' :91' :15' IEEE 802.11b; :90' :90' :12' :15' IEEE 802.11b; :90' :90' :90' :12' :15' IEEE 802.11b; :90' :90' :90' :90' :90' :90' :90' :90'	Data Rate	IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps IEEE 802.11n (20MHz): up to 150Mbps
Maduation Modulation Ups: OFDM with BPSK, QPSK, 16-QAM, 64-QAM           Frequency Band         2.412CHz - 2.484GHz           Composition Compositer Compositere Composition Composition Composition Composition C	Media Access Control	CSMA / CA
Operating Channel     America/FCC: 2.414-2.462GHz (11 Channels) Europe/(T51: 2.412-2.42GHz (13 Channels) Japan/TELEC: 2.412-2.442GHz (14 Channels)       RF Output Power     IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 00U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -80U *76dBm (7/ 94/ 74/ 89/ 740Bm (7/ 94/ 74/ 89/ 740Bm (7/ 94/ 74/ 74) *76/ 740Bm (7/ 94/ 7	Modulation	
Operating Channel     America/FCC: 2.414-2.462GHz (11 Channels) Europe/(T51: 2.412-2.42GHz (13 Channels) Japan/TELEC: 2.412-2.442GHz (14 Channels)       RF Output Power     IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 10Bm IEEE 802.11b: 29 ± 00U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -82 -80U *76dBm (6/ 24/ 36/ 54Mbps) IEEE 802.11b: 90/ -80U *76dBm (7/ 94/ 74/ 89/ 740Bm (7/ 94/ 74/ 89/ 740Bm (7/ 94/ 74/ 74) *76/ 740Bm (7/ 94/ 7	Frequency Band	2.412GHz ~ 2.484GHz
RP Cutput Power         IEEE 802.11h: 25 ± 1.5dBm           Receiver Sensitivity         IEEE 802.11h: -04/-92/-904Bm (1/2 / 5.5/ 11Mbps) IEEE 802.11h: -04/-92/-904Bm (1/2 / 5.5/ 11Mbps) IEEE 802.11h: -04/-93/-74/-98/-80/-72dBm (MCS0/3/6/9/12/15)           Output Power Control         3-290Bm           0.4by Dower Control         3-290Bm           0.4by Dower Control         3-290Bm           0.4by Over Requirements         LAN           0.4by Ore Requirements         0.4N           0.4by Ore Requirements         0.4N           0.4by Ore Requirements         0.405 CM           0.4by Ore Requirements         0.407 CM           0.4by Ore Requirements         0.408 CM           0.4by Ore Requireme	· ·	Europe/ETSI: 2.412~2.472GHz (13 Channels)
Receiver Sensitivity       IEEE 802.11::::91/.93/.74/.99/.80/.72dBm (MCS0/3/6/9/.1215)         Output Power Control       >-29dBm         Power Consumption       7.68W         Power Requirements       48V DC/0.4A; 802.3 af/at PoE         Environment & Certification	RF Output Power	
Power Consumption         7.68W         48V DC/0.4A; 802.3 af/at POE           Power Requirements         LAN         48V DC/0.4A; 802.3 af/at POE           Environment & Certification         -30-75 degrees C	Receiver Sensitivity	IEEE 802.11g: -90/ -82/ -80/ -75dBm (6/ 24/ 36/ 54Mbps)
Power Requirements         LAN         48V DC/0.4A; 802.3 af/at PoE           Environment & Certification	Output Power Control	3~29dBm
Environment & Certification           Operating Temperature         -30-75 degrees C           Operating Humidity         10-95% non-condensing           IP Level         IP67           Regulatory         CE / RoHS           Software Features         Supports 802.10 STP (Spanning Tree)           IAN         Supports 802.10 STP (Spanning Tree)           VARN         Sitaic IP Dynamic IP PPPoE PPPDE L2TP IPSec           Operating Modes         Bridge Gateway WINSP           Not firewall with SPI (Stateful Packet Inspection)           Built-In NAT server supports Virtual Server and DMZ Built-In NAT server supports Virtual Server and DMZ           Built-In INT server Supports Virtual Server and DMZ           Wireless Mode         AP Client WDS PTP WDS PTP WDS PTP           Virtueless Mode         AP Client WDS PTP           Virtueless Mode         AP Client WDS PTP           Virtueless Mode         AP Client WDS PTP           WDS PTP         WDS PTMP           WDS PTA         WDS PTMP           WDS PTA         WDS PTMP           WDS PTMP	Power Consumption	7.68W
Operating Temperature       -30-75 degrees C         Operating Humidity       10-95% non-condensing         IP Level       IP67         Regulatory       CE / RoHS         Software Features       Supports 802.10 STP (Spanning Tree)         LAN       Supports 802.10 STP (Spanning Tree)         wAN       - Static IP	Power Requirements	LAN 48V DC/0.4A; 802.3 af/at PoE
Operating Humidity         10-95% non-condensing           IP Level         IP67           Regulatory         CF AoHS           Software Features         Built-in DHCP server supports static IP address distributing           LAN         Built-in DHCP server supports static IP address distributing           WAN         Static IP           Dynamic IP         Dynamic IP           PPPOE         PPTP           LZTP         IPSec           PUPS         IPSec           Software         Gateway           WISP         NT firewall with SPI (Stateful Packet Inspection)           Built-in Trewall with SPI (Stateful Packet Inspection)         Built-in firewall with SPI (Stateful Packet Inspection)           Built-in firewall with SPI (Stateful Packet Inspection)         Built-in firewall with SPI (Stateful Packet Inspection)           Wireless Mode         AP         Client           VIDS PTDP         WIDS PTDP           WIDS PTDP         WIDS PTDP           WIDS Repeater (AP+WDS)         20MHz / 40MHz	Environment & Certification	
IP Level         IP67           Regulatory         CE / RoHS           Software Features         Easter Supports 802.1d STP (Spanning Tree)           LAN         Built-in DLCP server supports static IP address distributing           WAN         Static IP           Dynamic IP         PPPDE           PPPDE         IPSec           Operating Modes         Bridge           Gateway         WISP           NAT firewall with SPI (Stateful Packet Inspection)         Built-in NAT server supports Virtual Server and DMZ           Built-in firewall with SPI (Stateful Packet Inspection)         Built-in firewall with SPI (VIRL filtering           Wireless Mode         AP         Client           WDS PTP         WDS PTP         WDS PTP           WDS PTMP         WDS PTP         WDS PTP           WDS Repeater (AP+WDS)         OMHz / 40MHz	Operating Temperature	-30~75 degrees C
Regulatory       CE / RoHS         Software Features       Built-in DHCP server supports static IP address distributing Supports 802.1d STP (Spanning Tree)         LAN       Built-in DHCP server supports static IP address distributing Supports 802.1d STP (Spanning Tree)         WAN       Static IP Dynamic IP PPPDE L2TP IPSec         operating Modes       Stride P Stateway Sufficience         Marcel State IP Dynamic IP Supports Static IP Supports Static IP Supports Static IP Supports Static IP Supports Static IP Supports Static IP Supports State IP Support IP Support State IP Support I	Operating Humidity	10~95% non-condensing
Software Features         LAN       Built-in DHCP server supports static IP address distributing         Supports 802.1d STP (Spanning Tree)         WAN       Static IP         Dynamic IP         PPPOE         PPTP         L2TP         IPSec         Operating Modes         Bridge         Gateway         WISP         Firewall         Built-in NAT server supports Virtual Server and DMZ         Built-in firewall with Port / IP address / MAC / URL filtering         Wireless Mode       AP         Cicient       WDS PTP         WDS PTP       WDS PTP         WDS PTP       WDS PTP         WDS PTP       WDS PTP         WDS Repeater (AP+WDS)       20HHz / 40HHz	IP Level	IP67
LANBuilt-in DHCP server supports static IP address distributing Supports 802.1d STP (Spanning Tree)WANStatic IP Dynamic IP PPPOE 12TP 1ESCOperating ModesBridge Gateway 1WSPFrewallBridge Gateway 1WISPMAT firewall with SPI (Stateful Packet Inspection) Built-in NAT server supports Virtual Server and DMZ Built-in Revall with Port / IP address / MAC / URL filteringWireless ModeAP Cilent 1Cilent 1WDS PTPP 2005 PTP 2005 PTP 20	Regulatory	CE / RoHS
LAN         Supports 802.1d STP (Spanning Tree)           wAN         Static IP           Dynamic IP         PPPOE           PPPOE         IPSec           operating Modes         Bridge           Gateway         WISP           NAT frewall with SPI (Stateful Packet Inspection)           Built-in NAT server supports Virtual Server and DMZ           Built-in firewall with Port / IP address / MAC / URL filtering           Wireless Mode         -AP           Client         WDS PTP           WDS PTMP         WDS PTP           WDS PTMP         WDS PTMP           WDS Repeater (AP+WDS)         20MHz / 40MHz	Software Features	
WANDynamic IP PPPoE PPPoE PPTP L2TP L2TP L2TP L2TP L2TP SecOperating ModesBridge Sedeway Sedeway WSPFrewallAnd Frewall with SPI (Stateful Packet Inspection) Buil-in NAT server supports Virtual Server and DMZ Buil-in Inferwall with Port / IP address / MAC / URL filteringFrewallAnd Frewall with SPI (Stateful Packet Inspection) Buil-in firewall with Port / IP address / MAC / URL filteringWireless ModeAnd Selficient Self	LAN	
Operating Modes       • Gaeway • WISP         NAT firewall with SPI (Stateful Packet Inspection)         Built-in NAT server supports Virtual Server and DMZ         Built-in firewall with Port / IP address / MAC / URL filtering         Vireless Mode       • AP • Client • WDS PTP • WDS PTMP • WDS Repeater (AP+WDS)         Channel Width       20MHz / 40MHz	WAN	<ul> <li>Dynamic IP</li> <li>PPPoE</li> <li>PPTP</li> </ul>
Firewall       Built-in NAT server supports Virtual Server and DMZ         Built-in firewall with Port / IP address / MAC / URL filtering       AP         Client       • OUDS PTP         • WDS PTMP       • WDS Repeater (AP+WDS)         Channel Width       20HHz / 40MHz		
Wireless Mode       • Client         • WDS PTP       • WDS PTMP         • WDS Repeater (AP+WDS)       • WDS Repeater (AP+WDS)	Operating Modes	<ul> <li>IPSec</li> <li>Bridge</li> <li>Gateway</li> </ul>
		<ul> <li>IPSec</li> <li>Bridge</li> <li>Gateway</li> <li>WISP</li> <li>NAT firewall with SPI (Stateful Packet Inspection)</li> <li>Built-in NAT server supports Virtual Server and DMZ</li> </ul>
Wireless Isolation Enables it to isolate each connected wireless client so as to unable them to access mutually.	Firewall	<ul> <li>IPSec</li> <li>Bridge</li> <li>Gateway</li> <li>WISP</li> <li>NAT firewall with SPI (Stateful Packet Inspection)</li> <li>Built-in NAT server supports Virtual Server and DMZ</li> <li>Built-in firewall with Port / IP address / MAC / URL filtering</li> <li>AP</li> <li>Client</li> <li>WDS PTP</li> <li>WDS PTMP</li> </ul>
	Firewall Wireless Mode	<ul> <li>IPSec</li> <li>Bridge</li> <li>Gateway</li> <li>WISP</li> <li>NAT firewall with SPI (Stateful Packet Inspection)</li> <li>Built- in NAT server supports Virtual Server and DMZ</li> <li>Built- in firewall with Port / IP address / MAC / URL filtering</li> <li>AP</li> <li>Client</li> <li>WDS PTP</li> <li>WDS PTMP</li> <li>WDS Repeater (AP+WDS)</li> </ul>



Encryption Type	64/128-bits WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, 802.1X
Wireless Security	Provides wireless LAN ACL (Access Control List) filtering
	Wireless MAC address filtering
	Supports WPS (WIFI Protected Setup)
	Enable / Disable SSID Broadcast
Multiple SSID	Up to 2
Max. Wireless Client	40
Max. WDS AP	8
Max. Wired Client	60
WMM	Supports Wi-Fi Multimedia
QoS	Supports Quality of Service for bandwidth control
NTP	Network Time Management
Management	Web UI, DHCP Client, Configuration Backup & Restore, Dynamic DNS, SNMP
Diagnostic tool	System Log, Ping Watchdog
Accessory	
Standard Accessories	<ul> <li>PoE injector &amp; power cord x 1</li> <li>Mounting kit x 1</li> <li>Waterproof RJ-45 connector kit x 2</li> <li>Quick Installation Guide x 1</li> <li>CD (User's Manual, Quick Installation Guide) x 1</li> </ul>

# Interfaces



# **Ordering Information**

WNAP-6350

2.4GHz 300Mbps 802.11b/g/n Outdoor Wireless Access Point

# Accessories

CB-STP-25	25-Meter STP Cat5 Cable
ELA-100	Ethernet Lightning Arrest Box
ANT-OM4	2.4GHz 4dBi Omni-Directional Antenna
ANT-OM6	2.4GHz 6dBi Omni-Directional Antenna
ANT-OM8	2.4GHz 8dBi Omni-Directional Antenna
ANT-OM15	2.4GHz 15dBi Omni-Directional Antenna
ANT-FP4	2.4GHz 4dBi Flat Panel Directional Antenna
ANT-FP6	2.4GHz 6dBi Flat Panel Directional Antenna
ANT-FP8	2.4GHz 8dBi Flat Panel Directional Antenna
ANT-FP9	2.4GHz 9dBi Flat Panel Directional Antenna
ANT-FP18	2.4GHz 18dBi Flat Panel Directional Antenna
ANT-SE18	2.4GHz 12-18dBi Adjustable Sector Antenna
ANT-YG13	2.4GHz 13dBi Yagi Directional Antenna
ANT-YG20	2.4GHz 20dBi Yagi Directional Antenna
ANT-GR21	2.4GHz 21dBi Grid Directional Antenna
WL-NM-0.6	0.6 Meter N-male (male pin) to N-male (male pin) Cable
WL-LTNA	2.4/5GHz Lightning Arrester (N-male to N-female)

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## WNAP-6350

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