

# WISP51

## Outdoor 802.11b/g Atheros Long-Range WISP AP/CPE

WISP51 is the low cost outdoor High-Power WISP AP/CPE which designed for connecting wireless communication devices together from the wireless ISP network, which operates in the 2.4GHz band compliant with IEEE 802.11b/g Standard. WISP51 also embedded 12dBi high-gain antenna, allows network administrators to deploy a robust networking with extended wireless coverage area.

WISP51 is enclosed in a weather proof designed enclosure, that ensures its complete safety in outdoors environment. For advanced installations, WISP-51 also integrated Power-Over-Ethernet ( PoE ) feature, which allow installation in areas where power outlets are not readily available.



<b>Standard</b>	IEEE 802.11g IEEE 802.11b, IEEE 802.3, IEEE 802.3u
<b>CPU</b>	Atheros AR2315
<b>Interface</b>	1* RJ45 PoE LAN Port
<b>Security</b>	64/128-bit WEP, WPA(TKIP with IEEE 802.1x), WPA2, AES
<b>Receiver Sensitivity</b>	802.11b: -90 dBm@1Mbps ; -84 dBm@11Mbps 802.11g: -86 dBm @6Mbps ; -68 dBm@54Mbps
<b>Data rate</b>	802.11b: 1, 2, 5.5 and 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps
<b>Channel</b>	USA 11, Europe 13, Japan 14
<b>Memory</b>	8M Flash, 32M SDRAM
<b>Modulation Method</b>	CCK (802.11b), OFDM (802.11g)
<b>Frequency Band</b>	802.11g 2400 ~ 2483.5 MHz (for US, Canada) 2400 ~ 2483.5 MHz (for ETSI, Japan) 802.11b 2400 ~ 2483.5 MHz (for US, Canada) 2400 ~ 2483.5 MHz (for ETSI) 2400 ~ 2497 MHz (For Japan)
<b>Super Channel</b>	Supported from <b>2.3GHz ~ 2.7GHz</b> * Notice: Super channel might be proprietary with Alfa Product use only *
<b>Antenna</b>	Integrated 12dBi Panel Antenna
<b>Transmit Power</b>	24dBm Max
<b>Power</b>	<b>12V PoE</b>

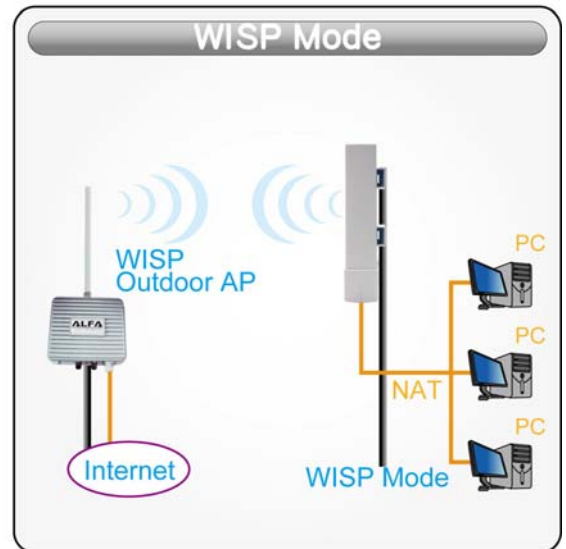
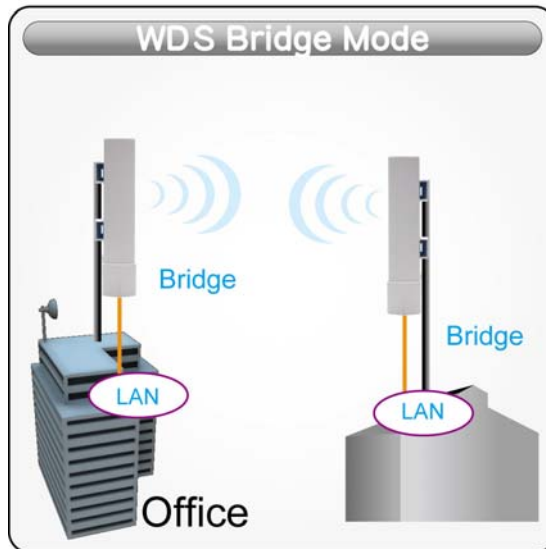
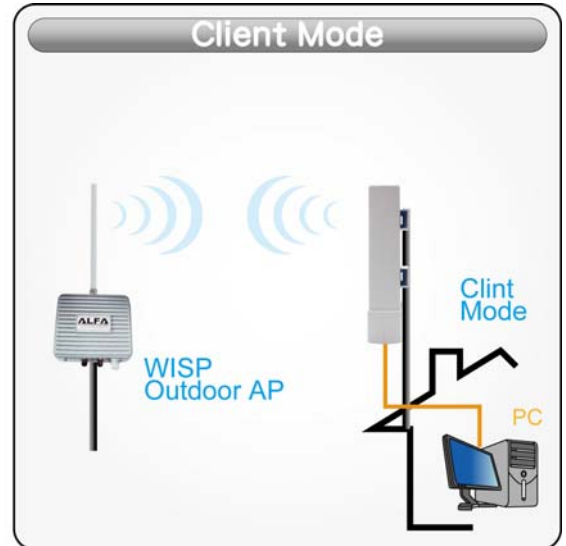
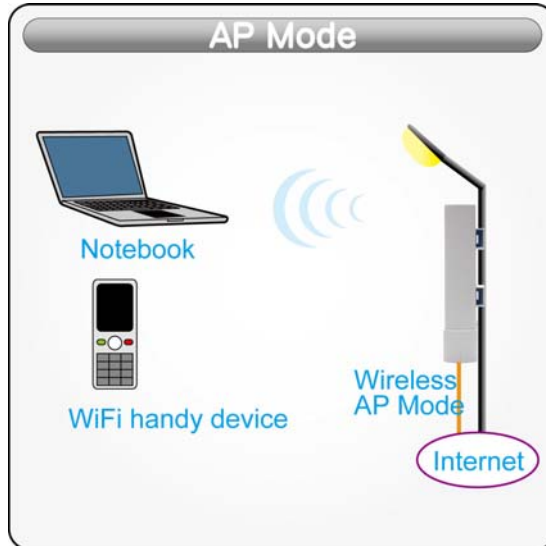
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Long-Range WISP AP/CPE

## Applications:



## Accessory



12V Power Adapter



PoE Adapter



Mast O-ring Kits

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