

# UBDo-g

## Long-Range Outdoor USB CPE

UBDo-g is the long-range wireless 802.11b/g outdoor USB CPE with 5M usb cable. UBDo-g provides users to launch IEEE 802.11g wireless network at 54 Mbps in the 2.4GHz frequency, which is also compatible with IEEE 802.11b wireless devices at 11Mbps. You can easy to install and enjoy the internet connection by just simply plug USB into the Notebook and Desktop. UBDo-g also includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility.



### Features

- Complies with Universal Serial Bus Rev. 1.0, 1.1 and 2.0 specifications.
- High-Power 500mW with N-type female antenna connector for long-Range distance
- High Speed transfer data rate up to 54 Mbps
- Dynamic data rate scaling at 1, 2, 5.5 and 11Mbps for 802.11b and 6,9,12,18,24,36,48 and 54Mbps for 802.11g
- Support turbo mode for 72 Mbps data rate
- Support wireless data encryption with 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions.
- Support driver for Windows 98se, Me, 2000, XP and Vista, Apple Mac and Linux.
- Supports auto-installation and diagnostic utilities.

<b>Product</b>	802.11b/g Outdoor USB CPE
<b>Standards</b>	IEEE 802.11g/b
<b>USB cable length</b>	5M
<b>Frequency Band</b>	2.4000~2.4835GHz (Industrial Scientific Medical Band)
<b>Modulation</b>	OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
<b>Data Rate</b>	54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
<b>Securities</b>	64/128-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1x), AES
<b>Antenna Type</b>	N-type female external antenna connector
<b>Drivers</b>	Windows 98SE/Me/2000/XP/2003 Server/Vista/Win CE/ MAC OS/Linux
<b>Transmit Power</b>	27dBm± 1.5dBm
<b>Receive Sensitivity</b>	-70dBm@54Mbps, -83.5dBm@11Mbps
<b>Dimension</b>	170 x 170 x 75 mm
<b>Temperature</b>	32~122°F (0 ~50°C)
<b>Humidity</b>	10-95% (NonCondensing)

### For further details:

Alfa Network Inc.,  
4F-1 No. 106, Rueiguang Rd.,  
Neihu District,  
Taipei City, Taiwan.  
<http://www.alfa.com.tw>  
[sales@alfa.com.tw](mailto:sales@alfa.com.tw)  
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### Accessory



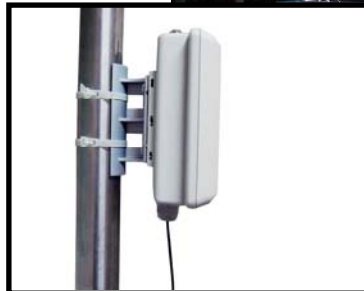
Dual Position  
mast mount

Mast O-ring Kits

# UBDo-g

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Alfa Outdoor USB CPE is Flexible mount for boat mast  
no mater vertical or horizontal mast all can fit



Vertical mast



Horizontal mast



UBDo-g + Omni Antenna Picture  
\*\* Omni Antenna sell separate \*\*

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**ALFA**  
NETWORK  
Your Source of Hardware

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Setting diagram



**ALFA**  
**Matrix Base Station**



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