AWUS036NEH is the IEEE 802.11b/g/n Wireless USB adapter provides users to launch IEEE 802.11b/g/n wireless network at 150 Mbps in the 2.4GHz band, which is also compatible with IEEE 802.11b/g wireless devices at 54 Mbps. You can configure AWUS036NEH with ad-hoc mode to connect to other 2.4GHz wireless computers, or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet. AWUS036NEH 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**

- Compatible with IEEE 802.11n, 802.11b/g/n wireless standards
- 2.4GHz frequency band, MIMO (Multiple Input Multiple Output)
- Complies with Universal Serial Bus Rev. 2.0 specifications
- High speed transfer TX data rate up to 150 Mbps
- Supports WPS by S/W
- Supports wireless data encryption with 64/128-bit WEP, WPA, WPA2, TKIP, AES
- Wide Range coverage
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
- Supports driver for Windows 2000, XP 32/64, Vista 32/64, Windows 7 Linux (2.4.x/2.6.x), Mac (10.4.x/10.5.x/10.6.x) Power PC& PC.
## Product General

| Standards         | Wireless: IEEE 802.11b/g/n  
|                  | USB 2.0 standard          |
| Data Rate         | 802.11b: UP to 11Mbps   
|                  | 802.11g: UP to 54Mbps    
|                  | 802.11n: UP to 150Mbps   |
| OS Supported      | Windows 2000             
|                  | Windows XP               
|                  | Windows Vista            
|                  | Windows 7                
|                  | Linux 2.6                
|                  | Mac 10.4, 10.5, 10.6     
|                  | Support S/W AP           |

## Physical Spec.

| Interface         | USB 2.0 mini USB         |
| Antenna Type      | 1 x 2.4GHz RP-SMA connector |
| Chipset           | RT3070                   |

## Hardware

| One LED           | Power/Status             
|                   | Wireless Act.            |
| Antenna           | 5dBi 2.4GHz Antenna      |
| Frequency Range   | 2.412~2.483 GHz          |
| Channels          | 1~11 channels ( North America )  
|                   | 1~13 channels ( General Europe )  
|                   | 1~14 channels ( Japan)     |
| Output Power      | 802.11b: 30dBm±1         
|                   | 802.11g: 29dBm±1         
|                   | 802.11n (HT20): 29dBm±1  
|                   | 802.11n (HT40): 30dBm±1  |
| Sensitivity       | 11b: -92dBm              
|                   | 11g: -76dBm              
|                   | 11n: -73dBm/HT20~70dBm/HT40 |
| Data Modulation Type | BPSK, QPSK, CCK and OFDM |
| Power             | Voltage: 5V+5%           |
| Security          | WEP 64/128               
|                   | 802.1X support           
|                   | Wi-Fi Protected Access (WPA)  
|                   | WPA-PSK                  
|                   | WPA II                   
|                   | Cisco CCX support        
|                   | WAPI-PSK                 
|                   | WAPI-CERT                |

## Environment Spec.

| Operating Temp    | 0°C ~ 50°C               |
| Storage           | -10°C ~ 65°C             |
| Humidity          | 5%~98% non-condensing    |

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  
Tel:+886-2-27968477  
Fax:+886-2-27968478