

# R36

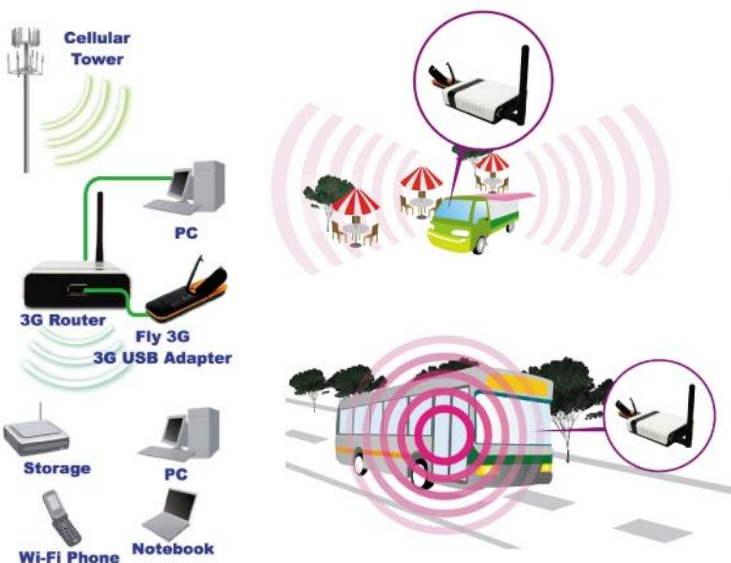
## 3G & Wifi USB extender



### Features:

- **High Speed Data Rates**  
Providing faster data rates of up to 150Mbps and is compatible with legacy 802.11b/g equipment
- **Advanced Robust Security**  
Firewall with SPI to protect the internal host from hacker attacks. Wireless security is comprehensive and included WPA/WPA2 PSK
- **Feature Rich**  
WDS, Dual SSIDs, Static Routing, QoS and more
- **Wi Fi extender**  
Support AWUS036H/AWUS036NH/AWUS036NHR by different firmware version

### 3G Mobile Function Diagram



### USB Extender Diagram:



### 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)

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

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## 3G & Wifi USB extender

### Specifications:

<b>Standards</b>	Wired: IEEE 802.3 (10Base-T) IEEE 802.3u (100Base-TX) Wireless: IEEE 802.11, IEEE 802.11g, IEEE 802.11n		
<b>Physical</b>	1 x 10/100Mbps WAN Port 1 x 10/100Mbps LAN Port 1 x detachable external 5dBi antenna 1 x Reset button 1 x WPS Security Key 1 x USB Port		
<b>Management</b>	Web-base management interface Remote management SNTP time synchronize		
<b>Output Power</b>	802.11b: 27dBm ± 2dBm 802.11g: 25dBm ± 2dBm 802.11n: 25dBm ± 2dBm		
<b>Sensitivity</b>	11n	20MHz	MCS7: -71 MCS0: -90
		40MHz	MCS7: -69 MCS0: -88
	11g	54Mbps: -75 6Mbps: -92	
		11b	
<b>Data Rate</b>	802.11n ( 40MHz ): up to 150Mbps 802.11n ( 20MHz ): up to 72Mbps 802.11g: 54,48,36,24,18,12,9,6Mbps 802.11b: 11,5.5,2,1Mbps		
<b>Wireless Mode</b>	WISP Bridge Router		
<b>Operating Frequency</b>	FCC: 2412~2462MHz (Ch1~Ch11) ETSI: 2412~2472MHz (Ch1~Ch13) Japan: 2412~2484MHz (Ch1~Ch14)		
<b>Security</b>	Access Control Policy MAC filter DMZ Host SSID Broadcast disable Wireless MAC address Filtering WEP Encryption WPA-/W PA2-PSK (Pre-shared Key) WPA/W PA2 Enterprise mode (802.1x) WiFi Protected Setup (WPS)		
<b>Router</b>	Shares high speed cable/xDSL Internet connection Static Routing VPN Pass through NAT 802.11e WMM IGMP Proxy Dual SSIDs		
<b>Temperature</b>	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)		
<b>Humidity</b>	Operating :10% to 85% Non-Condensing Storage: 5% to 90% Non-Condensing		
<b>Dimensions</b>	93 x 70 x 26mm		
<b>Weight</b>	74g		
<b>Power Input</b>	12V/1A		
<b>3G Functions</b>	3G budget Control with Email warning ( Support Pre-pay and Post-pay ) Dual Wan backup Remote Access Control by 3G WAN		

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### Compatible 3G USB Modem:

Vendor	Model No.	Vendor	Model No.	Vendor	Model No.
ALFA	Onyx3GU	SoftBank	Co1LC	BandLuxe	C180
ALFA	Onyx3G	Sierra	598U	Option	Icon 225
Huawei	E220	C- MOTTECH	U300	Dlink	DWM-156
Huawei	E169/169G/169U	ZTE	MF626	NOKIA	CS-15
Huawei	E219	ZTE	MF627	Royaltek	Q110
Huawei	D12HW	ZTE	MF628	CSL	U1-TF
Huawei	D12LC	ZTE	AC2726		
Huawei	D21LC	ZTE	MF636		
Huawei	ET128	ZTE	MF637		
Huawei	E1762	ZTE	MF180		
Huawei	E1552	PROLINK	PHS100		
Huawei	E1782	PROLINK	PHS300		
Huawei	E156G	PROLINK	PHS101		
Huawei	E177	Huawei	D02		
Huawei	E353	Huawei	D21		
ASUS	T500	Huawei	D22		
Sony Ericsson	MD300	Huawei	D23		
Qisda	H21(Single) H21(Dual)	Huawei	D31		
DoCoMo	A2502	EpiValley	8089		
		i-mobile	U3300		