

## WIRELESS LOCAL AREA NETWORK (WLAN) 802.11 b/g/n USB DONGLE GGM W300DU



TV over IP (IPTV)

Voice over IP (VoIP)

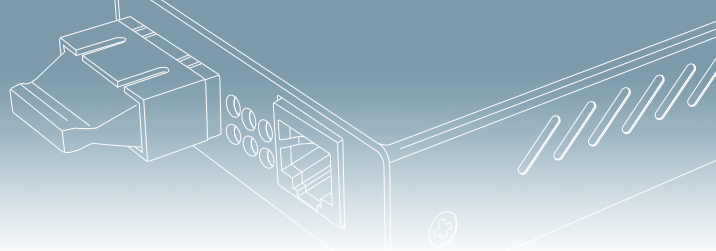
Supports 802.11 b/g/n

The **GGM W300DU**, a Wireless Local Area Network (WLAN) 802.11 b/g/n USB dongle, by inserting a PC USB socket and connecting a wireless access point through wireless interface, can provide the transmission of broadband data service, which are suitable for using in a wide range of both residential (at-home) and commercial (offices, apartments, hotels, warehouses) network applications. It gives you a blazing fast connection to the internet, far fast and more convenient. The **GGM W300DU** USB dongle is a high-performance wireless access tool, and can support downstream data rate up to 300Mbps and upstream data rate up to 300Mbps.

**GGM W300DU** can enable a computer or device to support 802.11 b/g/n Wi-Fi. Within Wi-Fi network, a computer or device can be connected to your Internet Service Provider (ISP). IP-WUD-RL2T2R fully support industry standard compliant security 802.11i, Dynamic Frequency Selection(DFS) and Transmit Power Control(TPC) 802.11h, Quality of Service (QoS) 802.11e.

### APPLICATION

- Personal computer
- Laptop computer
- TV over IP (IPTV)
- Voice over IP (VoIP)
- Higher data rate transfer
- Higher data rate wireless broadband access
- Network and online gaming



## PRODUCT SPECIFICATIONS

<b>Compliance Certificates</b>	<p>WHQL                  Wi-Fi Certification                  Cisco CCX                  FCC Class B                  CE Mark</p>
<b>Feature</b>	<p>USB 1.1/2.0 interface                  IEEE802.11 compatible b/g/n                  Antenna configurations: 2T2R Modes                  Support 64/128-bit WEP, 802.1x, WPA, and WPA2 for wireless security                  Support 802.11e wireless multimedia Qos                  Widely wireless signal rates: 54, 48, 36, 24, 18, 12, 9, 6 Mb/s for 802.11 g; 11, 5.5, 2, 1 Mb/s for 802.11b;                  11n (20MHz): MCS0-15, 32 with Short Guard Interval Support (up to 144Mbps)                  11n (40MHz): MCS0-15, 32 with Short Guard Interval Support (up to 300Mbps).                  UDP throughput: up to 135Mbps</p>
<b>External Connectors</b>	1 USB 1.1/2.0 port
<b>Protocol Feature</b>	IEEE 802.11b - IEEE 802.11g - IEEE 802.11n draft 2.0 - IEEE 802.11e - IEEE 802.11i - 802.11d - 802.11h - 802.11j
<b>Wireless Feature</b>	<p>Compatible with IEEE 802.11 b/g, 02.11n draft 2.0                  Support 64/128-bit WEP, 802.1x, WPA, and WPA2 for wireless security                  Support RTS/CTS, Fragmentation and Defragmentation function                  Support BSS and IBSS mode                  Support WMM, WMM-PS                  Support Multiple BSSID                  Block Ack                  Reverse Direction Data Flow                  Link Adaptation                  Hardware WEP, TKIP, AES Engines                  WPA1/2 – PSK (WPA Home), WPA1/2 – 802.1x (WPA Enterprise)                  EAP – TLS, TTLS, LEAP, PEAP                  Roaming                  Wireless Frequency Range: 2.4 ~ 2.4845GHz ISM Band                  Radio and Modulation: Type IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK; IEEE 802.11 g: BPSK, QPSK, 16QAM, 64QAM;                  IEEE 802.11n: MCS0-MCS15, MCS32;                  Transimission distance: 300 meters Outdoors, 100 meters Indoors coverage area                  Internal Antenna 2dBi                  Transimission power: 802.11b: Typ. 18 dBm @Normal Temp Range; 802.11g: Typ. 15 dBm @ Normal Temp Range,                  802.11g: Typ. 13 dBm @ Normal Temp Range</p>
<b>OS Support</b>	<p>Win98, WinSE, WinME, WinCE, Win2000/XP, WinVista                  MAC 10.3/10.4                  Linux kernel 2.4/2.6</p>
<b>Environment</b>	<p>Operating temperature: 0°Cto 40°C                  Storage temperature: -20°C to 70°C                  Operating Humidity: 10%~90% no freezing                  Storage humidity: 5%~95% no freezing</p>