

Atech iPlug Functions (Home Plug)

Atech iPlug or called HomePlug , The Universal Ethernet Wall Adapter is an Ethernet Wall Mount line that literally turns every electrical outlet in your home or office into a network access point. Designed with the end user in mind, Compact Wall Wart form factor. HomePlug 1.0 Compliant, Large Bridge cables with advanced aging allows for virtually unlimited node.

Setting up a home network is as easy as plugging in a night-light. Instantly, you can share Internet access, documents, mp3s, videos and pictures. Fully operational right out of the box with no drivers required, works with all versions of Windows and MAC, also has low power consumptions.

HomePlug 50M & 85M

Feature

HomePlug Turbo compliant

Up to 50/85Mbps data rate on the PowerLine

Effect Data Rate Up to 8/25Mbps Effective Throughput

10/100M Fast Ethernet Interface Connection

Plug and Play

Peer to Peer Networking

56-bit Data Encryption Security

Supports QAM 256/64/16, DQPSK, DBPSK and ROBO modulation

(QAM 256 for EP-5213)

Integrated Quality of Service (QoS)

	ATHP-003	ATHP-004	ATHP-005	ATHP-006
Standard	IEEE 802.3, IEEE 802.3u and HomePlug Turbo			
Protocols	Powerline : CSMA/CA Ethernet : CSMA/CD			
Media Interface	1 * 10/100M RJ-45 port			
Speed	Up to 85Mbps		Up to 50Mbps	
Effect Data Rate	Up to 25Mbps effective throughput		Up to 8Mbps effective throughput	
Frequency Band	4.3 ~ 20.9 MHz			
Access Methods	CSMA/CA			
QoS	4 levels			
Encryption	56-bit Data Encryption with key management			
Modulation Type	QAM 256/64/16, DQPSK, DBPSK and ROBO modulation			
Nodes	Supports up to 15 nodes per network			
Operating System	Microsoft Windows 98 SE/ME/NT/2000/XP, MAC, Linux			
LED Indicator	Green (1) : Powerline link Green (2) : Ethernet link Yellow : Powerline activity			
Transmission Range	100 meters			
Environmental Temperature	Operating: 0°C ~ 70°C Storage: -25°C ~ 75°C			
Operating Humidity	Operating: 0 ~ 40%, Non-Condensing Storage: 5 ~ 90%, Non-Condensing			
Power Source	90VAC ~ 260VAC 50/60Hz			
Plug type	US Plug	Europe Plug	US Plug	Europe Plug