Atcom Mesh Potato WiFi VoIP ATA (MP01)



Product Name: Atcom Mesh Potato WiFi VoIP ATA (MP01)
Manufacturer: -
Model Number: MP01

Please Note: The Atcom Mesh Potato WiFi VoIP ATA (MP01) has been discontinued. We recommend the Draytek Vigor AP700 Wireless 802.11n Access Point as a good alternative.

Atcom Mesh Potato WiFi VoIP ATA (MP01)
The Atcom Mesh Potato (MP01) is a WiFi mesh VoIP ATA (analog terminal adapter) operating in the license-exempt 2.4GHz ISM band and is the first WiFi mesh ATA in the market using a wireless mesh network as a backhaul to interconnect phones and host LAN/WAN access to computers connected to its Ethernet port.

Targeting for village telco emergency communication systems and hotel telco etc. the Mesh Potato helps you to build the wireless VoIP communication system with open hardware design and open source firmware. It provides affordable voice and data services for people.
Atcom Mesh Potato - Technical Specifications
Features

ï¿½ One port WiFi Mesh ATA
ï¿½ WiFi Mode: AP, client, ad-hoc, ahdemo mode
ï¿½ Open Source OpenWrt OS
ï¿½ Asterisk pre-installed
ï¿½ SSH or HTTP management

Applications

ï¿½ Village Telco
ï¿½ Emergency Communication System
ï¿½ Hotel Telco

Hardware

ï¿½ Atheros AR2317 Soc
ï¿½ MIPS 4KEc processor 180MHz
ï¿½ 8 MByte Serial Flash EEPROM
ï¿½ 16 MByte RAM

Wireless LAN

ï¿½ IEEE 802.11b/g
ï¿½ Frequency Band: 2.412GHz to 2.484GHz
ï¿½ Antenna Type: Intenal Omnidirectional PCB Antenna with I-PEX connector
ï¿½ Transmit EIRP Power: 1-24Mbit 20dBm or 36-54Mbit 17dBm

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Interface

ï¿½ 1 X RJ45 port
ï¿½ 1 X RJ11 port

Firmware

ï¿½ Linux kernel 2.6.26.3
ï¿½ OpenWrt Kamikaze
ï¿½ B.A.T.M.A.N. mesh routing daemon
ï¿½ Asterisk 1.4.11

Electrical

ï¿½ Power Options: AC adaptor, Passive PoE or PoTL (Power over Telephone Line)
ï¿½ PoTL Wire Requirement: standard 4/6 core telephone cable
ï¿½ Input Power: 24 VDC 300mA
ï¿½ Power Consumption: 3 Watt
ï¿½ Passive PoE Effective Distance: 0-100 meters
ï¿½ PoTL Effective Distance: 0-50 meters
ï¿½ Protected Ports: DC, RJ11 phone, RJ45 Ethernet
ï¿½ Protection: overvoltage, reverse DC, nearby lighting, static electricity

Environmental

ï¿½ Operating Humidity: 5 to 95% Codensing
ï¿½ Operating Temperature: -20 to +70 degrees Celsius

Physical

ï¿½ Casing: UV-protected, weatherproof outdoor enclosure
ï¿½ Mounting: Pole Mount/Wall Mount
ï¿½ Enclosure Size: 228mm x 106mm x 55mm
ï¿½ Weight: 0.3Kg

Please Enquire