DZS

MESH-1200

Ethernet WiFi Access Point and Client

The MESH-1200 from DZS is the ideal solution for building a EasyMesh compliant Wi-Fi Network for home users.

Features & Benefits

+ Functions as an Access Point or Client

+ One gigabit multi-rate 10/100/1000M Ethernet WAN port

+ Two gigabit multi-rate 10/100/1000M Ethernet interfaces

+ Dual-band 2.4GHz 2x2 802.11n, 5GHz 2x2 802.11ac Carrier-grade Wi-Fi 5 interfaces

+ EasyMesh R1

+ Easy device setup and subscriber self-installation

The MESH-1200 from DZS is the ideal solution for extending wireless coverage within the subscriber's home. Exclusively designed for whole-home coverage, these Ethernet devices are equipped with 2x2 802.11n and 802.11ac wireless standard. Acting as an Access Point or a Mesh Client, the MESH-1200 is able to provide always-on connectivity and speed for whole-home wireless coverage.

Using the latest wireless technologies, the MESH-1200 with its 2T2R 5.0GHz radio and support of Multi-User MIMO, allows users to enjoy and maximize the full benefits of the 802.11ac wireless standard. Carrier-class software features and management delivers unparalleled network performance to wirelessly connected devices.

The MESH-1200 is simple to install with set-up completed in a matter of minutes with no advanced technical knowledge. No need for manual configuration, each MESH-1200 will auto-detect its role and auto-provision itself.

MESH-1200

Easy to Set-up and Use

Designed to find its way to keep you connected through advanced mesh technology, the MESH-1200 enhances coverage, with robustness and capacity necessary for wireless whole-home networks. Deployed in a conventional star topology the MESH-1200 gives you a premium Wi-Fi experience.

Key Service Attributes

+ Wireless downstream performance up to 1.2Gbps aggregate Physical Rate

+ One 10/100/1000MBase-T Ethernet WAN port, RJ45, 1Gbps symmetrical services

+ Two 10/100/1000MBase-T Ethernet LAN ports, RJ45

+ 2.4GHz 2x2 802.11n, 20MHz and 40MHz channels

+ 5GHz 2x2 802.11ac, 20MHz, 40MHz and 80MHz channels

+ Internal antennas

+ Downstream MU-MIMO

+ Explicit and Implicit Beamforming Technology

+ Advanced Mesh Technology

+ +12 VDC power source

MESH-1200

Product Specifications

Hardware

+ Dimensions
  Width: 4.2" (108mm)
  Depth: 4.2" (108mm)
  Height: 2.7" (68mm)
+ Weight 0.52 LB (0.24 kg)
+ 512MB Flash Memory
+ 512MB SDRAM (DDR)
+ Capacity:1.0Gbps Down/1.0Gbps Up

Interfaces

+ WAN: 1 port 10/100/1000MBase-T Ethernet (RJ45)
+ LAN:2 ports 10/100/1000MBase-T Ethernet (RJ45)
+ Power: 1 2-pin barrel connector
+ Multi-status LED indicators
+ WPS: Push button
+ Recessed RESET button

Ethernet LAN ports

+ Auto-MDI-X crossover control
+ Auto-Speed or manual selection
+ IEEE 802.3ab 1000Base-T
+ IEEE 802.3u 100Base-T
+ IEEE 802.3az IEEE

Wireless

+ 2.4GHz 2x2 802.11n MIMO
+ 5GHz 2x2 802.11ac MU-MIMO
+ SSIDs: 4x2.4GHz, 4x5GHz
+ Devices per radio: 64
+ Authentication WEP, WPA-PSK, WPA2-PSK, WPA-802.1x, WPA-802.1
+ Encryption: WEP (64-bit, 128-bit), AES, TKIP+AES
+ WPS modes: Push-button, API PIN, STA PIN
+ RADIUS Server support
+ MAC filtering
+ Wireless bridge mode

IP Routing and Firewall

+ DHCP, Static-IP and PPPoE
+ NAT/NAPT
+ DNS Proxy
+ DHCP Server
+ UPnP, plug and play

Environmental

+ Operating Temperature 32~104°F (0~+40°C) Commercial
+ Storage temperature -49~158°F (-40~70°C)
+ Operating humidity 5 to 90% (non-condensing)
+ Altitude: –200 to 10,000 feet (–61 to 3,048 m) above sea level

Powering

+ DC power, +12 VDC nominal, 1.0
+ Input power, 90-240VAC, 50/60Hz
+ Power consumption, ~10W maximum

Management

+ Web-Based Device Management
+ CLI (Telnet)
+ TR-069 / TR-098, TR-111 Remote Management
+ Statistics Logging and Reporting

Compliance

+ FCC Part 15 Class B
+ ICES-003 Class B
+ CE Mark
+ Safety ETL/Intertek
+ IEC 62368-1, UL 62368-1, EN 62368-1
+ FDA IEC 60825-1
+ RoHS 2015/863/EU

Ordering Information

Model	
MESH-1200	WAN: 1 x 1G RJ45 port
	LAN: 2 x 1G RJ45 ports
	2.4GHz 2x2 802.11n, 5Gz 2x2 802.11ac
	1x 2-pin barrel, 12VDC power input
	0 to +40°C
MESH-1200-NA	North America
MESH-1200-EU	EU
MESH-1200-UK	UK
MESH-1200-00	No power supply

DZS Headquarters
Plano, TX USA
info@DZSi.com
www.DZSi.com/contact-us

Contact DZS today
www.DZSi.com
support@DZSi.com