

Secure (HTTPS) Remote Management and Provisioning, Dual Band 11ac Wi-Fi, SFP port, FXS ports for VoIP and 580MHz CPU for high-speed, high bandwidth applications such as FttH (Fiber to the Home).

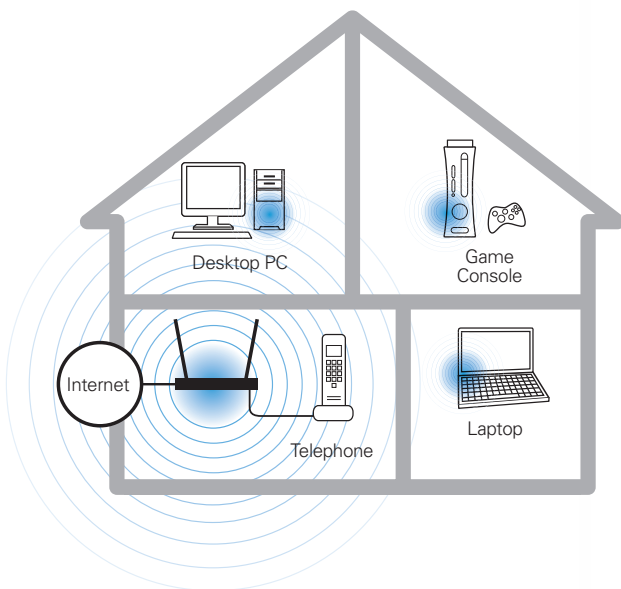
Surf, play online games, stream movies and network your devices with ReadyNet's AC1100MSF, a great networking and high quality voice communication solution for homes and small offices. With IEEE 802.11ac wireless transmission speeds up to 1200Mbps, 5dBi antennas for extended range, TR-069 and Option 66 capabilities, and SFP port, the AC1100MSF is an excellent solution for users and service providers looking for high quality, flexibility and security.

With advanced router features including Quality of Service (QoS), the ReadyNet AC1100MSF is able to make calls using SIP proxy voice communications. It uses the SIP V2 and 802.11 AC standards and is compatible with most service providers. It features 2 FXS telephone ports, 5 Gigabit Ethernet ports an SFP port and 1 Wireless AC access point.



FEATURES

- 1 WAN and 4 LAN 1000BASE-T RJ-45 Ethernet Ports (IEEE 802.3)
- 1000BASE-T SFP port
- 802.11ac - up to 1200Mbps wireless
- 2.4GHz and 5.0GHz work simultaneously
- Hardware NAT, (HNAT) engine with 1000Mbps NAT/NAPT speed
- TFTP, HTTP, HTTPS, TR-069 and Option 66 for provisioning
- Remote management
- Multi-level web management interface
- Supports 64-bit and 128-bit WEP, WPA/WPA2, WPA-PAK/WPA-PSK encryption
- 1 USB 2.0 port for storage
- 5dBi external antennas
- Router Limits Capable



READYNET AC1100MSF
VOIP WIRELESS AC ROUTER**GENERAL SPECIFICATIONS****I/O Interface**

- 1 WAN and 4 LAN ports (Ethernet 1000 Base-T)
- 2 RJ11 for FXS ports
- 1 SFP port
- 1 USB 2.0 host port
- IEEE 802.11b/g/n, IEEE 802.11ac

Wireless Features

- 4 SSIDs per radio
- AES (CCMP/TKIP)
- MAC authentication
- WEP authentication
- WPA-PSK/WPA2-PSK
- AP isolation and MBSSID AP isolation
- WMM, WDS, WPS
- RADIUS authentication and billing
- AP and Repeater modes for 2.4GHz and 5.0GHz

Protocols

- SIP V2 (RFC 3261, 3262, 3263, 3264)
- Backward compatible with RFC2543
- Session timer (RFC4028)
- SDP (RFC2327)
- RTP/RTCP (RFC823/903)
- NAPTR for SIP URI lookup (RFC2915)
- STUN (RFC2030)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- HTTP Server for web management
- DHCP option codes for SIP (RFC3361)
- DNS/DNS SRV (RFC1706 and RFC 2782)
- IEEE802.1Q VLAN/802.1p and IP DSCP

Network Protocols

- NAT mode and Bridge mode
- DDNS support
- MAC address cloning
- SIP proxy redundancy
- NAT Traversal by STUN
- DHCP Server and Client
- IP conflict detection
- VLAN
- Flow control
- Port forwarding, DMZ host, Super DMZ
- Rate limit and MAC filter per port
- Broadcast storm control
- Classification by physical port, IP port, 802.1p, DSCP and TCP/UDP port
- Marking by 802.1p and DSCP
- IPv6 (dual stack)
- MLDv1, MLDv2
- VPN pass through (PPTP, L2TP and IPSec)

Security Support

- Packet filter for port, IP address, protocol and physical port
- Firewall
- Client certificates for HTTPS provisioning

Management

- Remote Provisioning and Firmware Upgrade
- Auto provisioning with TFTP, HTTP/HTTPS
- TR-069, TR-104, TR-157, TR-143
- Multi-level Web management interface
- IVR-driven management interface
- Local and remote Syslog (RFC3164)
- SNTP time synchronization
- Telnet
- SNMPv2
- IGMPv2, IGMPv3
- ACL (access control list)
- Router Limits

SIP Features

- G.711 (A-Law, u-Law) with PES2 above 4.1
- G.729 with PESQ above 3.7
- Adaptive jitter buffer management
- Voice activity detection
- Comfort noise generation
- Echo cancellation
- T.30 FAX with G.711
- Realtime FAX over IP via T.38
- Message waiting indicator (RFC3842)
- 3-way conference
- Call hold
- Call forwarding
- Call transfer
- Call waiting
- Caller ID and CWCID
- DTMF relay: inband, outband and SIP Info
- QoS Layer 3
- Call log
- CID/CWCID
- Dial plan
- DTMF mode: inband, outband and SIP Info

Warranty

- 1 Year Limited Product Warranty