

# Enterprise, small office and residential applications

## VOIP Products

### MIPP-5300



#### KEY FEATURES:

- Running two SIP lines and one IAX2 line
- Support IAX2 protocol
- Redundancy sip server capable.
- NAT, Firewall.
- DHCP client and server.
- Support G711a,G711u,G723.1,G729,G.722 CODEC.
- E.164 dial plan and customized dial rules
- Hotline, flexible dial plan
- Call Forward, Call Transfer, 3-way conference calls
- Eight different ring tones selectable
- DND(Do Not Disturb),Black List, Limit List
- L2TP VPN
- VLAN
- Support RJ9 headset
- Page and intercom

#### DATA FEATURES:

- Static/Dynamic WAN-IP-Addressing
- PPPoE

#### MANAGEMENT:

- Web, telnet and keypad management.
- Adjustable user password and super password
- Upgrade firmware through HTTP, FTP or TFTP.
- Telnet remote management.
- Upload/download setting file
- Auto-provisioning
- Safe mode provide reliability
- Phone book, maximum 100 entries.

#### INTERFACES:

- Two RJ45 ports, one for WAN, one LAN
- Power port

#### SUPPORTED SPECIFICATION AND APPLICATIONS:

##### DATA NETWORKING:

- MAC Address
- TCP - Transmission Control Protocol

- DHCP - Dynamic Host Configuration Protocol
- PPPoE - PPP Protocol over Ethernet
- STUN - Simple Traversal of User Datagram ...
- MD5 - Message-Digest Algorithm
- DNS A Record (RFC1706) SRV Record (RFC2782)
- RTP - Real-time Transport Protocol
- RTCP - Real-time Control Protocol
- TELNET- Internet's remote login protocol
- HTTP - Hyper Text Transfer protocol
- FTP - File Transfer protocol
- TFTP - Trivial File Transfer Protocol

#### CALL CONTROL /VOIP FEATURES

- SIP RFC3261,3262,3263,3264, RFC 2543
- IAX2 protocol
- Tone generation and local DTMF re-generation according with ITU-T
- G.711(A-law or u-law)
- G.723.1(6.3kbps,5.3 kbps)
- G729, G.722
- AGC(Auto Gain Control)
- G.168/165 compliant 16ms echo cancellation
- AEC(Auto Echo Cancellation)
- VAD (Voice Activity Detection)
- CNG(Comfort Noise Generation)
- Frame loss concealment
- Adaptive jitter buffer
- Anonymous Call Rejection Support (RFC3323)

#### ENVIROMENTAL

##### ELECTRIC REQUIREMENT

- Voltage: 9V ~ 24V
- Power adapter: output DC 12V/450 mA

##### OPERATING REQUIREMENT

- Operation temperature: 0 to 40 °C ( 32° to 104° F)
- Storage temperature: -30° to 65° C (-22° to 149° F)
- Humidity: 10 to 90% no dew

##### REGULATORY COMPLIANCE

- CE, FCC part 15,RoHS