

FEATURES

VoIP Gateway

- Least Cost Routing for VoIP and PSTN operators
- SIP trunks for VoIP operators
- PSTN RDIS and Analogic Interfaces
- Interfaces with RDIS and Analogic PBX
- Association of several alternative internal and external addresses
- Active VoIP clients view
- Call statistics

IP PBX

- Supports all kind of SIP phones
- URI based calls
- Follow me – Forward of extensions
- Queue management
- Call schedule, parking and transfer
- Call forwarding if the number is busy
- Call Pickup
- Call Conference
- Call Blocking
- Reliable phone numbers list
- Client Blocking
- Hold-on music
- Attending groups and access classes setup
- DISA Features
- Interactive Voice Response
- DTMF support
- Telephone Number Mapping (ENUM)
- Telephone Directory
- Call statistics

Video

Fax

- Fax2Mail
- Mail2Fax

Web

- Web Server – support for dynamic sites with databases
- Web Phone
- Web Chat
- UCoIP Site (personal or group website, webphone, webchat and webmail)
- Web access statistics

Mail

- Mail Relay - Web Mail

SMS

- Mail2SMS

Messenger / WebChat

- Instant Messaging Server
- Undesired users filter
- MSN Gateway

MANAGEMENT

- Remote management by web interface
- Multi-language support
- Interface for remote updates
- Logs registry Server/Client (syslog)

SECURITY

- Backup to NAS (NFS or SMB) or rsync server
- System configuration recovery in 10 minutes
- Proxy Mode for every important services (SMTP, HTTP/HTTPS, FTP, Skype and Messenger)
- Content filter with “Black and White lists”
- Firewall
- VPN Server (PPTP, IPSEC, SSL)
- IDS (Intrusion Detection System)
- Preinstalled Antivirus for Email and Proxy
- Pre-installed Antispan

PROTOCOLS

Network

- IPv4, IPv6, TCP/IP, UDP, ICMP
- NTP Client
- SNMP

IP Addressing

- DHCP (client and server), DNS

Authentication

- Local LDAP, remote LDAP, AD authentication

Security

- VPN-PPTP, VPN-IPSEC, VPN-SSL
- NAT/PAT Firewall

Telephony

- SIP, SIP-TLS, IAX, ENUM, RTP

Web

- HTTP, HTTPS, FTP, FTPS

Mail

- SMTP, IMAP, IMAPS, POP3, POP3S

Instant Messaging

- XMPP

ISDN

- EuroISDN (E1), QSIG, R2

Codecs

- GSM, iLBC, Speex, G.726, LPC10, G.711ulaw, G.711 alaw, G.729 (commercial license)

OPERATING SYSTEM

IPBRICK.OS

HARDWARE

Processor

- IPBrick.GT - Intel® Pentium G4560, 3.5 GHZ, 3MB Cache
- IPBrick.GTII - Intel® 4Core I7 4790, 3.6 GHZ, 8MB Cache

RAM Memory

- IPBrick.GT - DDR4 4GB 2133 MHz
- IPBrick.GTII - DDR4 8GB 2133 MHz

Hard Disk

- IPBrick.GT - SSD 120 GB
- IPBrick.GTII - SSD 120 GB

Processing speed

- IPBrick.GT - 8500 Mips
- IPBrick.GTII - 27447 Mips

LAN Interface

- IPBrick.GT - 8x Gigabit 1000 BASE-T
- IPBrick.GTII - 8x Gigabit 1000 BASE-T

ISDN Interfaces Supported

- 1xBRI, 2xBRI, 4xBRI, 8xBRI
- 1xPRI, 2xPRI, 4xPRI

Analog Interfaces Supported (both)

- 4xFXO, 8xFXO, 16xFXO, 24xFXO or FXO with FXS combinations

Feed

- IPBrick.GT - 250W ATX
- IPBrick.GTII - 300W ATX Redundant 1+1

Certification

- CE/FCC

APPLIANCE SPECIFICATIONS

Dimensions

- 438 mm (W) x 422 mm (D) x 44 mm (H)

Weight

- 9.0 kg

Operating Environment (both)

- Temperature: 0°C ~ 40°C
- Humidity: 5% ~ 90%

Storage Temperature

- -20°C ~ 70°C

