

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)
- Pre-installed Anti-virus for Email and Proxy
- Pre-installed Antispam

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.711 ulaw, G.711 alaw, G.729 (commercial license)

Operating System

IPBrick.IC

Hardware

Processor

- Intel® Dual Core 2.5 GHz

RAM Memory

- 2GB Dual-channel DDR2

SSD

- 2.5" SATA 64 GB (Low Power Consumption 0.24w)

Processing speed

- 8500 Mips

LAN Interface

- 4x Gigabit 1000 BASE TX

ISDN Interfaces Supported

- 1 x E1, 2x E1, 4x E1, 4x BRI or 8x BRI

Analog Interfaces Supported

- 8x FXO, 16x FXO or FXO with FXS combinations

Feed

- 220W ATX PSU

Operating Environment

- Temperature: 5~40°C (67~130°F)
- Humidity: 20%~90% HR

Storage Environment

- Temperature: - 20~70°C (58~184°F)
- Humidity: 5%~95% HR

Certification

- CE/FCC/UL/cUL