

Part I

PBmaX-132 Pro IP PBX 技术规格

| 电话交换系统 | |
|------------------|---|
| 数字 PBX 界面 | <p>32 模拟端口, 采用模块化扩充设计 5通道并发自动总机语音应答, 3层IVR 每一分机均可开启语音留言信箱 PSTN电话呼入/呼出录音 TDM 交换, DISA 支持</p> |
| SoftSwitch PBX界面 | <p>内建SoftSwitch, 支持最大 64 IP-Phone分机 (hotline needed) VoIP并发通道资源(硬件) 支持 4, 8 ,16</p> |
| 模块化设计 | <ul style="list-style-type: none"> • 提供8个模拟线模块插槽 PBmaX-CO4 (每个CO4模块提供 4个外线接入; 支持DTMF格式来电号码解 PBmaX-EXT4 (每个EXT4模块提供 4个分机接入 • 提供1个VoIP模块 PBmaX-V16 (16 VoIP 并发通道资源) PBmaX-V8 (8 VoIP 并发通道资源) PBmaX-V4 (4 VoIP 并发通道资源) |
| 模拟分机 | Loop Start; 支持模拟电话机, 传真机, PBX 外线 |
| IP-Phone 分机 | “H.323” 协议 / H.245 alphanumeric DTMF transferred IP Phone support |
| 模拟中继 | Loop Start, 4 线至PSTN |
| 电话接线界面 | 1个RJ45 分接成 4个RJ11 模拟外线/分机端口 RJ45 连接IP-Phone |
| 呼叫控制协议 | <p>同时支持ITU-T H.323 V2~4 / RFC(3261) SIP 协议 Dialin and dialout by IP or ID in SIP protocol; proxy server connect support H.323 / SIP protocol transferred and ports for communication assign support Compliance to SIP Protocol, RFC 3261 兼容多种IP proxy 服务, SIP话机, SIP软电话 DTMF Relay (RFC 2833) PBmaX/PBmiX 系列 IP PBX 支持 DTMF relay compliance RFC 2833. SIP 呼叫转移 当接收到一个SIP呼叫时, PBmaX/PBmiX 系列IP PBX 支持将呼叫转移至另一个SIP设备, 增强了系统的灵活性 SIP Dialing Plan PBmaX/PBmiX Series is able to identify the operator/carrier designated prefix number as SIP calls. The numbers other than SIP number will be dialed from FXO port to central office switch. Private IP Address Support PBmaX/PBmiX 系列 IP PBX 在RTP relay 服务器的支持下可以使用私网IP地址</p> |

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| 完善的配置与管理工具 | |
| PBmaX/PBmiX 系列IP PBX 不仅可以通过WEB页面进行配置管理, 同时支持使用传统电话机设置 | |
| FTP 远程软件升级 | |
| PBmaX/PBmiX 系列IP PBX 支持远程软件升级版本和功能 | |
| 停电切换支持(Lifeline) | |
| PBmaX/PBmiX 系列IP PBX 具有停电不断话功能, 确保当设备处于停电状态时, 用户仍然可以拨打或接听电话 | |
| VoIP 编码 | G.723/G.729A 编码 |
| 回音消除 | G.165/G.168, 30~40ms |
| Jitter Buffer | 0.2sec/0.5sec/1sec select |
| VoIP 增益 | In/Out +/-6db for gain control |
| 静音压缩 | VAD support and packet loss recovery |
| SoftSwitch 系统 | |
| H323 Base | |
| Direct IP call support under GateKeeper mode | |
| Support G.723.1 IP Phone (G.711 / 729a deny) | |
| 最大支持64部 IP分机 (8 line at the same time) | |
| Support IP Phone H.245 DTMF postfix code | |
| Support call consult | |
| IP分机支持WEB界面设置 | |
| LAN 网络界面 | |
| 数量 | 8个 10/100 Mbps RJ-45 LAN 端口 (UTP) |
| 功能 | 10BASE/100BASE-T 自适应, IP共享支持 |
| WAN 网络界面 | |
| 数量 | 1个 10/100 Mbps RJ-45 WAN 端口 (UTP) |
| 功能 | 10BASE/100BASE-T 自适应, IP共享支持 |
| Autodetect display interface | |
| LAN | 16 LED (the situation of 100 or 10 ACT connect) |
| WAN | 2 LED (the situation of 100 or 10 ACT connect) |
| Power | 1 LED (the situation about equipment power) |
| Voltage | 2 LED (the situation about -24V and -80V phone power) |
| Fan | 1 LED (the situation about fan work) |
| LCD | 2 LED (the situation of PSTN connect) |
| Line | 8 LED (the situation of PSTN connect) |
| 网络服务 | |
| DHCP server | |
| Mail server | |
| DDNS client | |
| NAT (Network Address Translation), provide Address mapping; Port mapping; virtual DMZ | |
| VPN (max 4 connections) | |
| Firewall (IP table layer 2), support Address mapping; Port mapping; virtual DMZ | |
| QoS service (带宽管理) | |

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| Microsoft NetMeeting 支持 | |
| H.323 GateKeeper 支持 | |
| 内建H.323 GateKeeper server (可选) | |
| 应用 | |
| 管理工具 | <ul style="list-style-type: none"> • 基于浏览器Web页面方式的管理 • 电话分机操作管理 • H.323 VoIP 安全机制, 监控PSTN下车记录 (VoIP Off-Net call transfer to PSTN) |
| Platform of client | Windows 95/98/ME/NT/2000/XP |
| 网络支持 | 固定IP, ADSL(PPPoE), Cable Modem(DHCP client) |
| Firmware 升级 | 支持 FTP 升级 用户下载升级 |
| 硬件规格 | |
| CPU : Power PC / 200MHz | |
| DRAM : 128MB SDRAM / PC100 / DIMM168 | |
| Flash Boot embedded Linux | |
| 2.5" IDE / ATA-100 buildin | |
| 1 RS232 COM port · For console interface | |
| 2 Fan(temperature detect and speed control) | |
| 16X2 character LCD | |
| Power | voltage : 100VAC~240VAC Frequency:50/60Hz · |
| Power consumption | Max. 65Watt |
| Size | 340mm x 44mm x 260 mm(L*H*W) |
| Weight | 1.92Kg |
| Environmental | Operation Temperature : 0 to 50 C |
| Storage Temperature | -30 to 70 C |
| Relative Humidity | 10~95% Non-Condensing |
| Certification | CE |

规格若有改动，恕不另行通知

Part II

PBmiX-106 Pro IP PBX 技术规格

| 电话交换系统 | |
|---|---|
| 数字 PBX 界面 | 2 模拟中继端口, 4 模拟分机端口 支持语音留言信箱 TDM 交换, DISA 支持 |
| SoftSwitch PBX 界面 | 内建SoftSwitch, 支持最大16 IP-Phone分机 VoIP并发通道资源(硬件) 支持 2, 4 |
| 模拟分机 | Loop Start; 支持模拟电话机, 传真机, PBX 外线 |
| IP-Phone分机 | 支持 "H.323" 协议IP-Phone |
| 模拟中继 | Loop Start · 2 端口接PSTN |
| 电话接线界面 | 2 RJ11 接模拟中继 (Caller ID receiving: DTMF/FSK) 4 RJ11 接模拟分机 RJ45 连接 IP-Phone |
| 呼叫控制协议 | 同时支持ITU-T H.323 V2~4 / RFC(3261) SIP协议 Dialin and dialout by IP or ID in SIP protocol; proxy server connect support H.323 / SIP protocol transferred and ports for communication assign support |
| VoIP 编码 | G.723/G.729A 编码 |
| 回音消除 | G.165/G.168, 30~40ms |
| Jitter buffer | 0.2sec/0.5sec/1sec select |
| VoIP 增益 | In/Out +/-6db for gain control |
| 静音 | VAD support and packet loss recovery |
| Softswitch 系统 | |
| H323 Base | |
| Support GateKeeper ModeDirect IP Call | |
| Support G.723.1 IP Phone(G.711/729a deny) | |
| 最大支持16 IP Phone (8 line at the same time) | |
| Support IP Phone H.245 DTMF postfix code | |
| Support Call consult | |
| 2 line to PSTN network | |
| IP分机支持WEB界面设置 | |
| LAN 界面 | |
| 数量 | 4 10/100 Mbps RJ-45 LAN 端口 (UTP) |
| 功能 | 10BASE/100BASE-T 自适应, IP共享支持 |
| WAN interface | |
| 数量 | 1 10/100 Mbps RJ-45 WAN 端口(UTP) |
| 功能 | 10BASE/100BASE-T 自适应, IP共享支持 |
| Auto detect display interface | |
| LAN | 8 LED(the situation of 100 or 10 ACT connect) |
| WAN | 2 LED(the situation of 100 or 10 ACT connect) |
| Power | 1 LED(the situation about equipment power) |

| | |
|---|---|
| Voltage | 2 LED(the situation about -24V and -80V phone power) |
| Fan | 1 LED(the situation about fan work) |
| Line | 2 LED(the situation of PSTN connect) |
| Tel | 4 LED(the situation of analog extension connect) |
| Network service | |
| DHCP server | |
| DDNS client | |
| NAT (Network Address Translation), support Address mapping; Port mapping; virtual DMZ | |
| VPN (max 4 connections) | |
| Firewall (IP table layer 2) | |
| QoS service (带宽管理) | |
| Microsoft NetMeeting support | |
| H.323 GateKeeper support | |
| 应用 | |
| 管理工具 | <ul style="list-style-type: none"> • 基于浏览器Web页面方式的管理 • 电话分机操作管理 • H.323 VoIP 安全机制, 监控PSTN下车记录 (VoIP Off-Net call transfer to PSTN) |
| Platform of client | Windows 95/98/ME/NT/2000/XP |
| 网络支持 | 固定 IP ADSL(PPPoE) Cable Modem(DHCP client) |
| Firmware升级 | 支持 FTP 升级 用户下载升级 |
| 硬件规格 | |
| CPU : ARM920T CPU/200MHz | |
| DRAM : 32MB SDRAM/PC100/DIMM168 | |
| Flash Boot embedded Linux | |
| 1 RS232 COM port, For console interface | |
| 1 Fan(temperature detect and speed control) | |
| Power | 12VDC, 2Amp |
| Power consumption | Max. 12Watt |
| Size | 215mm x 30mm x 132mm(L*H*W) |
| Weight | 550g |
| Environmental | Operation Temperature : 0 to 50 C Storage Temperature : -30 to 70 C Relative Humidity : 10~95% Non-Condensing |

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